

FFY08 Year-End Annual Report  
MassDEP/US EPA Region I Environmental Performance  
Partnership Agreement: 2007-2009

Massachusetts Department of Environmental Protection  
1 Winter Street  
Boston Massachusetts 02108

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## Introduction

This document is the Massachusetts Department of Environmental Protection's (MassDEP's) Federal FY 2008 Year-End Annual Report for the MassDEP/US EPA-Region I Program Plan/Performance Partnership Agreement (PPA). The PPA approach between states and EPA was developed under the National Environmental Performance Partnership System (NEPPS). The intent of NEPPS and PPAs is to develop a system of planning and accountability for states receiving federal environmental grant funding that is based upon environmental goals and measures of success and allows states maximum operating flexibility to accomplish their environmental priorities.

This document provides information on MassDEP's accomplishments for FFY 2008 and has three parts:

Part 1: Accomplishments -- Brief narrative summary of noteworthy accomplishments in FFY08.

Part 2: Priorities and Commitments -- Tables summarizing progress made toward the environmental goals and in meeting the commitments contained in the FFY08 PPA Grant Workplan.

Part 3: Inspection Tables -- Inspection tables showing the number and type of inspections conducted in FFY08.

Environmental and programmatic trend data that provides actual environmental and programmatic trend data for a variety of indicators will be presented in the FFY09 year-end report, which will coincide with the completion of MassDEP's three-year 2007-2009 Performance Partnership Agreement. For more information on MassDEP's activities, including MassDEP Program Plan/Environmental Performance Partnership Agreements (PPAs) and Year-End Annual PPA Reports for previous years, please see the MassDEP website at the following URL: <http://www.mass.gov/dep/about/priorities/ppahome.htm>

See the MassDEP website for additional information on:

- MassDEP priorities and results: <http://mass.gov/dep/about/missionp.htm>
- Statistics & Progress on Cleaning Up Oil and Hazardous Waste Sites in Massachusetts:: <http://www.mass.gov/dep/cleanup/priorities/stats.htm>
- Trends in air pollution: <http://www.mass.gov/dep/air/priosres.htm>
- Trends in solid waste generation: <http://www.mass.gov/dep/recycle/priorities/dswmpu01.htm#recycling>
- Trends on toxics use reduction: <http://www.mass.gov/dep/toxics/tura/turadata.htm>
- Status of water, waste water and wetlands: <http://www.mass.gov/dep/water/priorities/dwhome.htm>
- The Massachusetts Executive Office of Energy and Environmental Affairs' State of the Environment Report 2006: [http://www.mass.gov/envir/press/pressreleases/state\\_ofthe\\_envir2006.pdf](http://www.mass.gov/envir/press/pressreleases/state_ofthe_envir2006.pdf)

## MassDEP FFY08 Accomplishment Highlights

In Federal FY2008 (10/1/07-9/30/08), MassDEP made great progress developing and implementing programs aimed at protecting the Massachusetts environment and ensuring public health for those who live and visit here. The following are a few highlights from MassDEP's activities and accomplishments during FFY08. Many highlights include an internet hyperlink/URL where readers can go for additional information. Because this year-end report fulfills a PPA grant requirement for EPA, these highlights are organized by EPA's "goal structure": 1) Clean Air and Global Climate Change, 2) Clean and Safe Water, 3) Land Preservation and Restoration, 4) Healthy Communities and Ecosystems, and 5) Compliance and Environmental Stewardship.

### 1. Clean Air and Global Climate Change

#### Regional Greenhouse Gas Initiative (RGGI) a Success

Massachusetts is one of 10 Northeast and Mid-Atlantic states to pioneer the first mandatory cap-and-trade program to reduce greenhouse gas emissions in the United States. The states committed to cap and then reduce the amount of CO<sub>2</sub> that power plants in their region are allowed to emit, limiting the region's total contribution to atmospheric greenhouse gas levels.

Massachusetts RGGI regulations were promulgated in early 2008. The first auction, held in September 2008, was a success with the demand for allowances 4 times that which was auctioned. Six states auctioned allowances and over 38 million dollars was raised.

After the 10 RGGI states have stabilized power sector carbon emissions at their capped level by 2014, the cap will be reduced by 2.5 percent each year from 2015 through 2018, resulting in a 10 percent reduction overall. RGGI intends to hold quarterly auctions

during the first three-year compliance period, from January 1, 2009 to December 31, 2011.

The 10 states participating in RGGI are Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New Hampshire, New York, Rhode Island and Vermont.

[www.mass.gov/dep/air/climate/index.htm#rggi](http://www.mass.gov/dep/air/climate/index.htm#rggi) or [www.rggi.org](http://www.rggi.org)  
<http://www.mass.gov/dep/public/press/0408ozon.htm>

#### MassCleanDiesel; a New Program to Reduce Air Pollution from School Buses

MassCleanDiesel was launched summer 2008. Administered by MassDEP, MassCleanDiesel has the capacity to retrofit up to 5,500 school buses over the next three years; virtually all the large, diesel-powered buses currently serving public schools that weigh more than 10,000 pounds and carry more than 10 students at a time.

The pollution-controlling retrofits will be installed using \$16.5 million in state and federal funds provided by the Massachusetts Executive Office of Transportation (EOT), under an agreement associated with the Boston Central Artery Project. Participation in the program is voluntary and retrofits are completely free to the communities and bus companies that enroll.

MassCleanDiesel will retrofit school buses with one of two pollution controls; either a diesel particulate filter or a diesel oxidation catalyst. These retrofits will reduce the pollutants released into the air and bus cabins by as much as 90 percent.

[www.mass.gov/dep/air/diesel/masscleandiesel.htm](http://www.mass.gov/dep/air/diesel/masscleandiesel.htm)  
<http://www.mass.gov/dep/public/publications/0408mcd.htm>

## **Ozone State Implementation Plan (SIP) & Particulate Matter (PM)2.5 Standard Attainment**

MassDEP was able to maintain improvements to air quality by continuing to ensure that stationary, area, and transportation sources comply with existing and new requirements.

MassDEP accomplished the following:

- Completed and submitted to EPA the modifications to the State Implementation Plan (the rules, regulations, standards and programs) that will require additional reductions in air emissions needed to attain the national ambient air quality standard (NAAQS) for ozone. (1/31/08)
- Submitted a report to EPA that demonstrated that the state was in attainment with the new lower standard for PM2.5, and EPA approved the designation in August 2008. In addition, Massachusetts submitted a "Transport SIP" to EPA which demonstrated that Massachusetts air pollution sources did not adversely affect the ability of downwind states to attain the PM2.5 standard established in 1997. (1/1/08)
- Worked collaboratively with upwind states within and outside of the Northeastern state's Ozone Transport Commission (OTC) to make further progress toward ensuring that the air pollution transported into the state does not contribute to violations of the ozone NAAQS in Massachusetts.
- Worked with the Mid Atlantic and New England states (MANE VU) to develop and implement strategies for the control of regional haze.

## **Air Toxics**

To further the control of air toxics, MassDEP:

- Implemented the Massachusetts Mercury Management Act of 2006 and other mercury control/reduction strategies (including participation in regional mercury initiatives, developing ERP certification programs for vehicle mercury switches and mercury

lamps. MassDEP also finalized the federally-mandated Clean Air Mercury Rule [CAMR]), however this needs to be revised because the Federal courts vacated EPA's rule in 2008.

- Controlled perchlorethylene exposures by revising the Dry Cleaner regulations to reflect the Federal Maximum Achievable Control Technology (MACT) standards.

## **Massachusetts Vehicle Check Inspection Program**

Massachusetts introduced its "next generation" vehicle emissions testing and safety inspection program in October 2008 to ensure that vehicles with faulty emissions control systems are identified and repaired more quickly. The MA Registry of Motor Vehicles (RMV) and MassDEP requires passenger cars, trucks and SUVs model year 1996 and newer, as well as medium-duty vehicles from 2008 and newer, to undergo annual on-board diagnostic (OBD) emissions testing using the latest computer technology .

The purpose of the OBD system is to assure proper emission control system operation for the vehicle's lifetime by monitoring emission-related components and systems for deterioration and malfunction. The OBD system can also detect problems that may not be noticeable upon visual inspection because many component failures that impact emissions can be electrical or even chemical in nature.

Other major activities conducted in FFY08 to control transportation sources of pollutants included awarding the state's multi million dollar 5 year contract to manage the state's Enhanced Automobile Inspection and Maintenance (I&M) program.

<http://www.mass.gov/dep/public/press/0908imla.htm>

## **Northeast States Energy Efficiency Collaborative**

In 2008, the Northeast States for Coordinated Air Use Management (NESCAUM) organization and Massachusetts launched the Northeast States Energy Efficiency Collaborative. This effort is designed to help the Northeast states collaborate on cost-effective energy efficiency in the region. The Collaborative has focused on training, education, and development for the regional energy efficiency workforce.

### **Energy Management Pilot for Municipal Wastewater & Drinking Water Facilities**

In November 2007, MassDEP, with US EPA, launched the "Energy Management Pilot for Wastewater and Drinking Water Plants. This pilot brings together state and federal agencies, electric and gas utilities and academic expertise to encourage and assist wastewater and drinkingwater plants in reducing their energy consumption. The project partners come together to conduct facility energy audits, assess each plant for its renewable and clean energy possibilities, and offer support for the implementation of these energy-related projects.

The cost of implementing the first phase of this pilot program was approximately \$326,000. It was funded from the utilities' energy efficiency incentive programs and the Mass. Department of Energy Resources (DOER) Energy Audit program, as well as in kind contributions from other pilot partners. The partners are now focused on finding ways to expand the assessment and audit services to other treatment facilities in the Commonwealth, and bringing together sources of funding that can be used to implement the identified conservation and renewable energy opportunities at the plants which have already been assessed.

<http://www.mass.gov/dep/public/publications/0108ener.htm>

## **2. Clean and Safe Water**

### **Statewide Stormwater Management Program**

Stormwater runoff is the leading source of pollution in the Commonwealth's assessed waters. In 2008, MassDEP developed and proposed a new state-wide stormwater general permit program. The program requires that private owners of properties with large impervious surfaces (e.g. paved parking lots and roof-tops) implement source control and pollution prevention measures; that new and redeveloped projects design and construct low impact development (LID) techniques and stormwater best management practices (BMPs); that property owners who are subject to the program properly operate and maintain on-site LID techniques and stormwater BMPs; and submit annual certifications documenting compliance with these requirements. MassDEP is designing the program to accept most submissions electronically.

Consistent with the requirements of the federal National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit Program, the stormwater general permit program will establish a framework for private landowners to share in the responsibility for implementing the stormwater control measures needed to achieve and maintain compliance with the Massachusetts Surface Water Quality Standards. The draft regulations establishing the proposed program and a draft general permit and fact sheet went out for public comment in late 2008. MassDEP will develop a workbook that will help permittees meet the requirements of the draft general permit. Modeled after the Environmental Results Program (ERP), the proposed stormwater program will replace the pre-construction review of stormwater management controls included in most stormwater management programs with post-construction certifications, thereby reducing the number of MassDEP staff needed to implement the program.

The proposed stormwater program will have the added benefit of recharging groundwater aquifers as measures are taken to redirect

runoff away from nearby surface waters and back into the ground. This will assist in increasing localized recharge and infiltration, addressing water quantity issues in addition to improving water quality.

<http://www.mass.gov/dep/public/press/1108stum.htm>  
<http://www.mass.gov/dep/public/press/1108stum.htm>

### **Northeast States Regional Mercury TMDL**

For the first time, states linked violation of Clean Water Act standards to EPA's authority and the federal "Total Maximum Daily Load (TMDL), under the Clean Air Act to do more to control mercury emissions. The Northeast States jointly submitted to EPA a proposed plan to clean up mercury from rivers and lakes, called the "Northeast Regional Mercury Total Maximum Daily Load" (TMDL). This mercury TMDL continues to implement the states' Mercury Action Plans, which are among the most aggressive mercury pollution reduction efforts in the world and target a 75 percent reduction in mercury emissions by 2010 and virtual elimination of mercury pollution in the region thereafter. The TMDL also seeks stricter national controls on trans-boundary air-borne mercury pollution to protect the air and water quality of downwind states.

High mercury levels in fish have been detected throughout the Northeast region, necessitating public health warnings not to consume freshwater fish caught in local waters. In 2008, EPA announced its approval of the states' mercury TMDL, supporting the states' efforts to reduce mercury emissions and approving the plan's call for a 98 percent reduction from 1998 levels of mercury from atmospheric sources in order to make mercury levels in fish low enough for the states to lift fish consumption advisories.

<http://www.mass.gov/dep/public/publications/0108merc.htm>

## **3. Land Preservation and Restoration**

### **MassDEP's 'WasteWise' Program**

MassDEP was awarded top honors by the U.S. Environmental Protection Agency (EPA) as "2008 WasteWise Endorser of the Year" for promoting the innovative WasteWise program. In 2002, Massachusetts was the first state in the nation to partner with EPA to officially endorse the WasteWise program at the state level. Since joining the program, MassDEP has encouraged over 100 Massachusetts businesses and organizations to participate in the voluntary initiative.

The Massachusetts WasteWise program hosts two annual networking forums targeted to specific topics relating to sustainable business practices including food waste composting, energy efficiency, recycling and green building.

<http://www.mass.gov/dep/public/press/1208wais.htm>

### **The Commonwealth's Brownfield Support Teams**

The Brownfield Support Teams (BST) Initiative was launched in May 2008 to help the "second generation" of contaminated sites which have been more difficult to clean up become Brownfields success stories through collaboration/coordination between MassDEP and other Massachusetts government entities, specifically Housing and Economic Development, and MassDevelopment. State resources focus on resolving the complex issues that could stall a project and ensuring state and federal tools are used effectively to resolve them.

Five pilot projects were underway in fall 2008:

- The former Crane Company and Chapman Valve parcels in Springfield are targeted for light industrial use.
- The 35-acre former Fisherville Mill property in Grafton is planned for mixed-use redevelopment that includes access to the future Blackstone River Bikeway.

- The City Pier site in Fall River adjacent to the Taunton River waterfront is targeted for mixed-use redevelopment that includes a marina and hotel.
- The former Ted's for Tires site located in downtown Haverhill will be redeveloped into an intermodal transit station and parking facility.
- The South Worcester Industrial Park (SWIP) project will be developed into a light industrial park with improved traffic connections to Interstates 290 and 90.

#### **Treatment, Storage and Disposal Facility (TSDF) Inspections**

MassDEP worked with EPA on improving DEP's Treatment, Storage and Disposal Facility (TSDF) inspections. MassDEP has taken lessons learned from this exercise into consideration during a department-wide compliance assessment.

#### **Federal Authorization Under the Resource Conservation and Recovery Act (RCRA)**

MassDEP achieved full EPA authorization of the Massachusetts RCRA Corrective Action Program and continued to work toward authorization of the rest of our state hazardous waste management regulations. While MassDEP has "core program" authorization from EPA and believes that the state program, EPA has a goal that every state be "authorized" by EPA for all aspects of the federal program.

#### **Common Measures Project for Hazardous Waste Small Quantity Generators**

With a State Innovation Grant from EPA, MassDEP worked with a consortium of states on the "Common Measures Project". This is an effort to develop and implement standard metrics for evaluating the overall effectiveness and efficiency of state compliance assurance strategies within specific industry groups. This project enables the participating states to assess the overall compliance rate of Small

Quantity Generators (SQGs) of hazardous waste and compare the environmental performance of the selected groups across project states. MassDEP's inspections, data analysis system, and draft analysis were completed in FFY08. Significant differences in performance were identified across states and a final report is expected to be released early Spring 2009.

### **4. Healthy Community and Ecosystems**

#### **Compliance Assistance Seminar for Coating Industry**

In FFY08, MassDEP organized and hosted a compliance assistance seminar for over 75 companies in Central and Northeastern Massachusetts, with a focus on the industrial coatings industry. The seminar was developed as part of Commissioner Laurie Burt's efforts to re-energize technical assistance offered by MassDEP.

The program was designed to help industrial coatings companies stay in compliance with a number of environmental regulatory requirements, including air quality and hazardous waste rules. It also helped to explain how the regulators and inspectors viewed those requirements in the context of a facility inspection. For this seminar, MassDEP's Central and Northeast regions teamed up with the state Office of Technical Assistance (OTA), the Massachusetts Toxics Use Reduction Institute (TURI), the Central Massachusetts Business Environmental Network (CMBEN), and the Associated Industries of Massachusetts (AIM).

### **5. Compliance and Environmental Stewardship**

#### **Compliance and Enforcement**

MassDEP continued to maintain strong compliance and enforcement activities in FFY2008. This included meeting or exceeding federal program inspection commitments agreed to under the FFY08 PPA grant agreement with EPA. (See Part 3 of this



report, "Inspection Tables.") This included conducting inspections and/or report review of a wide range of regulated entities regulated under the agency's waste, water, and air programs. Other compliance and enforcement initiatives included verification of self-certification information submitted by a number of sectors statewide under the Environmental Results Program approach, auto salvage yards, fueling station "Stage II" vapor collection, and continuing to find un-permitted wetlands violations using aerial photography. In FFY08 MassDEP continued to implement its Environmental Results Program (using multi-media performance standards, self-certification of compliance, and compliance verification audits) for more than 400 dry cleaners statewide using the resource flexibility credit ("Element 13") granted by EPA.

### **New High-Tech Emergency Response Vehicle**

During FFY08, a major addition to MassDEP's emergency response capabilities was the launch of an ambulance-like "FAST" vehicle, which is short for Field Assessment and Support Team. The FAST vehicle enables MassDEP's first-responders to rapidly test for the presence of air, water and soil contaminants in the field - in real time - rather than haul samples back to the lab. Having this on-scene capability can be critical in protecting the well-being of the public as well as water supply sources, wetlands and other natural resources during emergencies.

The FAST vehicle cost approximately \$180,000 and was funded from both federal and state sources. It is staffed by MassDEP employees from the four regional offices, allowing rapid response in all areas of Massachusetts. The vehicle will also be used to investigate environmental release incidents and longer-term field sampling projects. The FAST mobile lab is now available 24/7 across the state.

<http://www.mass.gov/dep/public/publications/1108fast.htm>

### **Emergency Response and Preparedness Training**

Training was held for MassDEP water program staff and public water system officials on Emergency Preparedness, Emergency Response, Incident Command System (ICS), National Incident Management System (NIMS), and Pandemic Planning. MassDEP staff participated in the EPA New England Interstate Homeland Security Environmental Summit to identify resources available to deal with a chemical attack and gaps in our ability to respond, and prioritize steps to enhance efforts over the coming year. Emergency preparedness training included a tabletop exercise which focused on response to a major storm event in the Merrimack Valley, affecting both Massachusetts and New Hampshire water and wastewater facilities. Representatives from water systems in Methuen and Andover and wastewater systems in Lowell and Billerica participated. Training on preparing for a pandemic was also held. MassDEP arranged for representatives from EPA and MWRA to provide this training for DEP staff as well as representatives from public water suppliers.

### **MassDEP Environmental Innovation Team**

In April 2008, MassDEP Commissioner Laurie Burt created the Environmental Innovations Team within the Commissioner's Office. The team is designed to expand innovation and to use MassDEP's on-going efforts to promote energy efficiency and renewables.

The Environmental Innovations Team facilitates the use of more innovative and efficient approaches to MassDEP's environmental protection work, as well as the use of innovative technologies by its regulated community. It also helps MassDEP identify concrete opportunities to promote energy efficiency and clean energy through its contact and permit programs with external stakeholders.

A top priority of the Environmental Innovations Team is to be sure that MassDEP's programs consider energy efficiency as part of



required environmental solutions, without compromising its environmental goals, and to remove unnecessary barriers to technology innovation. For example, MassDEP's current energy pilot project for Waste Water and Drinking Water Treatment Plants is working with select wastewater and drinking water treatment plants to find potential energy savings and technology options to improve water quality and efficiency at the same time.

### **Expansion and LEED Renovation at the State Environmental Laboratory**

Renovation at the Commonwealth's environmental lab, the William X. Wall Experiment Station, made great progress in FFY08. The lab is finally evolving from a small, 53-year-old laboratory facility into an expanded, renovated "green building," which will contain state-of-the-art analytical equipment and feature Leadership in Energy and Environmental Design (LEED) amenities. The renovation and expansion is supported through a patchwork of funding including the most recent Environmental Bond Bill and support from the U.S. Environmental Protection Agency through the State Drinking Water Revolving Fund.

Progress as of late 2008 included parking lot drainage to the rain gardens; solar panel posts were placed on roof of the new wing; the concrete floors were poured; and duct work was being installed for the new lab space. In addition, exterior sheathing and interior framing is complete, the new wing has a new roof with solar panel supports visible, electrical conduit and plumbing installation is on-going, and the entire new wing has been winterized with tarps for cold weather construction. The entire project should be completed by summer 2010.

[www.mass.gov/dep/about/organization/wespost.htm#future](http://www.mass.gov/dep/about/organization/wespost.htm#future)

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
1	HEADING		GOAL 1: CLEAN AIR & GLOBAL CLIMATE CHANGE	
2	HEADING		Objective 1.1 Healthier Outdoor Air	
3	HEADING		Sub-Objective 1.1.1 More People Breathing Cleaner Air	
4	HEADING		Initiatives to Further Control Ground Level Ozone & Fine PM	
5	MassDEP		Make air quality related data available to the public	ongoing
6	MassDEP		Work through Air Online to provide real-time ambient air quality data from MA Network on MassDEP Website.	Software developed; now testing, making final adjustments, and developing content. Plan for formal launch in Spring 2009.
7	PPA	1	In order to provide public real-time air quality information, continue to submit ozone and PM2.5 data and ozone and PM2.5 forecasts to the Data Management Center.	ongoing
8	MassDEP		Comment on proposed Ambient Ozone Standard by 10/07; Assess attainment status based on final standard promulgation in March 2008.	MA worked with other states to develop NESCAUM comments on the proposed standard, which were submitted on Oct. 4, 2007. MA does not attain the 0.075 ppm standard.
9	PPA	2	Submit SIP showing that MA does not significantly contribute to non attainment or maintenance problems for the PM2.5 NAAQS in downwind states. Final Transport SIP will be submitted by December 31, 2007. ( EPA recommended that states submit SIP by November 25, 2006)	Final Transport SIP for the 1997 PM2.5 and Ozone SIP were submitted to EPA on 1/31/2008. Recommendations on Designation for the PM2.5 2006 standard was submitted to EPA on Dec 18, 2007. EPA approved it in August of 2008

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
10	PPA	3	Participate in Ozone Transport Commission (OTC) attainment planning to develop coordinated regional modeling and ozone attainment plans.	Massachusetts chaired the OTC Modeling Committee and had technical staff representation on the Committee. The Committee, which met periodically and had conference calls regularly, was responsible for coordinating the region's modeling centers, charged with developing the modeled attainment demonstrations for the SIPs. Also, management and staff participating in the planning and program committees of the OTC which identified and analyzed regional control strategies; worked on model rules; and participated in stakeholder meetings.
11	PPA	4	Submit a final 2002 State Implementation Plans (SIP) emissions inventory for Massachusetts' non attainment areas. Collect and submit to EPA 2005 annual emissions data from point sources.	Final 2002 Inventory was submitted on 1/31/2008 as part of Ozone SIP.
12	PPA	5	Submit a Reasonably Available Control Technology (RACT) SIP for applicable VOC and NOx sources by September 2006. (Will be submitted by 12/31/07)	Submitted as part of Final Ozone SIP on 1/31/08.
13	PPA	6	Submit any rules necessary pursuant to the following new CTGs issued by EPA: (1) Industrial Cleaning Solvents, (2) Flat Wood Paneling Coatings, (3) Offset Lithographic Printing & Letterpress Printing, and (4) Flexible Package Printing.	This work was deferred to due to other work commitments. BWP will be developing a plan and schedule for this work in early FFY09
14	MassDEP		Indicate in Ozone Attainment SIP intention to rely on the National Portable Fuel Container rule. (In lieu of OTC model rule)	Included in Final Ozone SIP.
15	PPA	7	Revise existing MA regulations for consumer products and architectural industrial maintenance coatings to be consistent with OTC model rules.	Completed. Final regulations promulgated on October 17, 2007.
16	PPA	8	Revise existing MA regulations for solvent cleaning to be consistent with OTC model rules.	Held public hearing on draft regulation on November 25, 2008. Expect to promulgate final regulation in early 2009.

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
17	MassDEP		Propose draft Adhesives rule by October 07	Developed internal draft rule. Expect to propose February 09.
18	PPA	11	If not yet submitted, submit final adopted CAIR regulation to EPA as amendment to CAIR SIP. (CAIR SIP Submitted on March 30, 2007)	This commitment was met when the CAIR SIP was submitted to EPA on March 30, 2007
19	PPA	12	Submit 8-hr ozone NAAQS modeling demonstration reflecting existing & new controls by December 31, 2007.	Submitted as part of Final Ozone SIP on 1/31/08.
20	PPA	13	Submit final Reasonable Further Progress (RFP) SIPs for Eastern & Western MA non attainment areas by December 31, 2007. (Final SIPs were due June 2007)	Submitted as part of Final Ozone SIP on 1/31/08.
21	PPA	14	Submit final ozone attainment plans after the public hearing by January 31, 2008.	Final Ozone SIP was submitted on 1/31/08.
22	PPA	17	Submit PM2.5 designation recommendations for the revised 24-hour PM2.5 standard to EPA by December 18, 2007.	Submitted Governor's letter to EPA on December 18, 2007 recommending MA to be in attainment.
23	PPA	21	Submit a revised CO maintenance plan accounting for proposed closure of Lowell CO monitor	A public hearing was held on 12/22/08 on the draft SIP revision. Final revisions should be made in 2009
24	MassDEP		Interstate transport of air pollutants: Collaborate with other Northeast/ Midwest/ Southeast States to further control transported emissions.	Massachusetts management and staff participated in state collaborative calls and meetings to develop control strategies.
25	MassDEP		Support EEA's work on Energy Policy Act-waiver for hybrids	Provided information to EEA to support alternative compliance plan submission to DOE.

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
26	HEADING		Initiatives to Control Regional Haze	
27	PPA	22	Participate in the northeast regional haze planning organization Mid-Atlantic and Northeast States Visibility Union (MANE VU).	Massachusetts management and staff participated in the monthly Air Director conference calls, board meetings, and the Technical Support Committee deliberations.
28	MassDEP		Propose sulfur in Fuel limitations: initiate work 3rd quarter	Included commitment to develop sulfur in fuel limitations in draft regional haze SIP. Participated in MANE-VU stakeholder meeting with oil industry in December 2008.
29	PPA	23	Based on MANE VU template, develop regional haze SIP, with BART provisions, for submittal to EPA by December 2007. (3/08)	Developed regional haze SIP and submitted to EPA and federal land managers in December 2008 for 60 day review (required prior to public hearing)
30	HEADING		Air Title V / NSR Permits	
31	MassDEP		Issue permits that limit emissions of air pollutants at major and minor sources of air pollution	BWP issued a total of 129 limited plan approvals, non major comprehensive plan approvals, and major comprehensive plan approvals, and issued a total of 36 new operating permits, operating permit renewals or amendments or renewals or amendments
32	PPA	25	Complete issuance of initial Title V permits for Dominion Energy, MIT, Polaroid - Waltham, Eastman Gelatin, Haverhill Paperboard, GE Aircraft, Kraft Foods/Atlantic, Mirant Canal LLC, Duro Finishing, Hollingsworth and Vose, Polaroid - New Bedford and Mead	Eastman Gel 16 June 08; GE 30 Aug 07; Kraft 9 Nov 07; MIT 7 March 08, and Hollingsworth & Vose 10 July 08. The others are on hold for enforcement or opacity reg or out to public comment
33	PPA	26	Issue 94 percent of significant Title V operating permit revisions within 18 months of receiving a complete permit application. Provide necessary data to document the goal every six months (barring factors outside MassDEP's control)	Met this goal, information given to EPA in Jan and July for the previous 6 months

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34	MassDEP		Implement the Air permit streamlining project	Draft regulations changes to implement the air permit streamlining were developed during FFY08 and public hearings on proposed regulations were held on Oct 7-8, 2008. The revised regulations should be promulgated in 2009. The Top Case BACT Guide is complete and being formatted for posting on the MassDEP Website. Work on the BACT Assessment guideline and revised application forms is ongoing into FFY09
35	PPA	27	Issue 87 per cent of Title V operating permits within 18 months of receiving a new complete permit application. Provide necessary data to document the goal every six months (barring factors outside MassDEP's control)	Met this goal, information given to EPA in Jan and July for the previous 6 months
36	PPA	29	Respond to EPA's comments on state's NSR equivalency demonstration, if necessary.	No action, since EPA has not provided comments on the NSR equivalency demonstration
37	MassDEP		CAIR Implementation (incorporate into existing operating permits, assess the public benefit set aside, ensure facilities allowances and emissions are in balance, periodically allocate allowances)	CAIR implementation is on hold because of court vacatur. Instead, amendments to 7.28 are in process to ensure continuation of Nox Budget in 2009.
38	EPA	28	Until such time that MassDEP takes back delegation of the PSD program, MassDEP and EPA-Region I will collaborate closely in EPA's issuance of PSD permits for MA facilities. Representatives from the MassDEP and EPA will meet within the first quarter of FFY08 to discuss how to ensure that individual PSD permit or permit modification applications are processed by EPA in an efficient and timely manner. The following topics will be discussed: (1) having the MassDEP take the lead in drafting the permit and fact sheet, (2) holding periodic meetings between the agencies, and (3) holding joint meetings with applicants or potential applicants to discuss the most efficient and timely way to process specific permit applications.	MassDEP and EPA collaborated on PSD permits, however areas for improvements in communication and responsibilities were identified by both agencies. Based on MassDEP and EPA discussions this agreement has been revised for FFY09.

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
39	PPA	30	Issue 75 Percent of major NSR permits within 12 months of receiving a complete permit application. Provide necessary data to document the goal every six months (barring factors outside MassDEP's control).	Met this goal
40	PPA	31	Make timely submittals to EPA's RACT, BACT, LAER Clearinghouse.	Not applicable for FFY08
41	HEADING		Sub-Objective 1.1.2 Reduced Risk from Toxic Air Pollutants	
42	HEADING		Initiatives to further control Air Toxics	
43	PPA	32	Continue delegation and implementation of toxic requirements under section 112, 129, and 111(d), as appropriate, for major sources rules, area source rules, and residual risk rules.	Work ongoing
44	PPA	33	Determine the appropriate action to meet EPA's May 10, 2006 final rule for Large Municipal Waste Combustors and EPA's December 16, 2005 rule for Other Solid Waste Incinerators. Send EPA a letter with proposed plan of action.	MassDEP is in the early phase of developing draft regulatory revisions to meet EPA's 2006 final rule requirements. there is no projected schedule for public hearings as yet.
45	PPA	34	Explore strategies to reduce human health risks indicated by state and national air toxics assessment analyses. Mechanisms include participation in NESCAUM Public Health Subcommittee and ongoing community efforts to reduce risk.	Massachusetts participated in the NESCAUM Public Health Committee with representation from both BWP and MassDEP's Office of Research and Standards. In addition, work continued on specific community risk projects in Lawrence (In conjunction with the release of MassDPH's Pediatric Asthma study) and in Holyoke (community grant on diesel emissions/black carbon assessment in an EJ area)
46	PPA	35	Work to implement strategies under mercury action plan.	BWP has implemented the dental mercury collection ERP certification program , and implemented the ERP certifications for auto mercury switch removal programs and lamp collection and recycling programs



#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
47	PPA	36	If necessary, respond to EPA's comments on the remaining components of the section 111(d) plan for mercury emissions from power plants.	CAMR State Plan is moot in light of court vacatur of CAMR.
48	MassDEP		Implement the Clean Air Mercury Rule (CAMR): issue permits, certifying continuous emissions monitors, RATA testing of monitors	MA will, in early 2009, propose amendments to existing regulations related to Hg emissions from power plants to address CAMR vacature.
49	MassDEP		Update and revise the asbestos control program for renovation and demolition projects	Draft regulations completed for internal review
50	PPA	37	Evaluate what efforts can be made in preparing 2005 Emission Inventories for Hazardous Air Pollutants.	No action due to other work commitments
51	MassDEP		Develop a Diesel emission control strategy	Diesel strategy under review in Commissioner's Office
52	MassDEP		Oversee the retrofitting of all school busses with diesel controls over a three year period	School bus retrofit program launched Sept 2008 through on-line application process
53	PPA	18	Participate in Northeast Diesel Collaborative to advance state and regional programs to reduce diesel emissions. Implement EPA/NEDC grant funding projects (school buses and construction equipment).	NEDC participation ongoing through bi-weekly conf. Calls; EPA school bus grant will fund vocational schools; 3 municipal construction engine retrofits completed
54	PPA	19	Participate with EPA/NEDC RFP to local communities and other partners in MA to encourage the submission of proposals from MA organizations.	Provided letters of support for Massport and NESCAUM, which were successful in getting EPA funding.
55	MassDEP		Revise ERP dry cleaner regulations to implement EPA MACT/ revisions	adopted 9/8/08; submitted the 112(l) (MACT delegation) package to EPA for approval on 11/17/2008
56	MassDEP		Develop Outdoor Wood-fired Boiler Regulations	Draft final regulations completed for internal review. They were promulgated in December 2008
57	HEADING		Objective 1.2 Healthier Indoor Air	

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58	PPA	38	Coordinate as needed with EPA and Department of Health on implementing indoor air quality programs such as Tools for Schools, Environmental Tobacco Smoke and Radon.	Coordination occurred as necessary
59	HEADING		Sub-Objective 1.4.2 Maintain Emergency Response Readiness	
60	PPA		EPA will continue to work with the New England states on Homeland Security and emergency response readiness issues through routine, day-to-day coordination and the existing Regional Response	Ongoing
61	HEADING		Objective 1.5 Reduce Greenhouse Gas Intensity	
62	MassDEP		Climate Change / GHG implementation	
63	MassDEP		In conjunction with other EEA agencies, establishing a greenhouse gas emissions reduction goal and developing on plan to achieve the goal	As per the legislation, EEA is lead for the plan and is organizing the effort. The Global Warming Solution Act (GWSA) requires the Massachusetts Executive Office of Energy and Environmental Affairs (EOEEA), in consultation with other state agencies and the public, to set economy-wide greenhouse gas (GHG) emission reduction goals for Massachusetts that will achieve: 1) A reduction of between 10 percent and 25 percent below statewide 1990 GHG emission levels by 2020; and 2) A reduction of 80 percent below statewide 1990 GHG emission levels by 2050. For information on what MassDEP is doing to address this goal, please visit our web site at <a href="http://www.mass.gov/dep/air/climate/index.htm">http://www.mass.gov/dep/air/climate/index.htm</a>
64	MassDEP		Participate in the MassDEP Energy Team	Ongoing
65	MassDEP		In conjunction with EEA and MEPA, implement the new policy for reporting and mitigating GHG emissions from certain large development projects subject to MEPA	MEPA is lead and is considering regulation changes; we continue to work closely with them

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66	MassDEP		Implement the Climate Registry	Regular calls ongoing w/ TCR at staff and AC level (Colman) to participate in the ongoing management of and MassDEP participation in and coordination with the Climate Registry
67	MassDEP		Manage work on ISO NE Fuel Switching (cold snap) permit amendments	Not needed. Resolved with permit modifications at facilities
68	MassDEP		If CA waiver is approved by EPA, implementing the greenhouse gas requirements for light duty vehicles (known as the "Pavley" regulations) as part of the Commonwealth's low emission vehicle (LEV) program	Waiver denied by EPA March of 2008; in litigation
69	MassDEP		Manage Greenhouse Gas Credit Program	4 applications in process or finalized and 4 more in review
70	MassDEP		Participate in Green Building Sustainability Committee	Continue to participate on Zero Energy Building Task Force. The Task Force completed its work in March 2009 and released its final report. The report is available on the EEA web site and provides numerous recommendations which are currently under review. <a href="http://www.mass.gov/Eoeaa/docs/eea/press/publications/zneb_taskforce_report.pdf">http://www.mass.gov/Eoeaa/docs/eea/press/publications/zneb_taskforce_report.pdf</a>
71	PPA	39	Participate in NEG/ECP climate change steering committee and work to implement strategies under Climate Change Action Plan	EEA is lead for this
72	MassDEP		Develop and, if resources permit, implement, a plan to assist municipalities and universities on energy efficiency and climate change activities	Promoting EPA Region 1's Community Energy Challenge through regional municipal workshops.
73	PPA	42	As resources permit, work with EPA on activities that are complementary to EPA's efforts to encourage local communities to participate in the New England Community Energy Challenge. Include complementary activities in the "MassDEP only" portion of the plan	ongoing

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
74	PPA	42A	<p>New England Multi-state Energy Efficiency Task Force.</p> <p>This project will examine opportunities to improve the role of energy efficiency in electricity use by engaging Commissioners and Agency staff from the energy and environmental agencies of the New England states in identifying energy efficiency best practices and promoting their adoption. MA EEA and NESCAUM will get started with the \$60k in funding available in early FFY08. EEA/NESCAUM will seek additional funding through EPA once FFY08 budget is finalized, or from outside sources if EPA funds will not be available. Pending that additional funding, the timing for the 2nd forum will be delayed and EEA/NESCAUM will perform less analytical work envisioned for the third workgroup meeting.</p>	<p>• NESCAUM and Massachusetts launched the Northeast States Energy Efficiency Collaborative to coordinate state actions to move regional key opportunities on which the Northeast states could collaborate together to better advance cost-effective energy efficiency in the region. Since the March 2008 workshop, the Northeast States Energy Efficiency Collaborative has convened conference calls for participants to continue updating their regional colleagues on energy efficiency developments within their states. In particular, the Northeast States Energy Efficiency Collaborative has focused on training, education, and development for the regional energy efficiency workforce. The Collaborative maintains an evolving whitepaper outlining the status of the energy efficiency workforce and available training and education resources in the region.</p>
75	PPA	44	<p>If resources permit, work with EPA to promote energy efficiency upgrades in the waste water and drinking water sectors. Strategies include lighting upgrades, promoting more efficient motors and/or boilers, and onsite power generation opportunities where they exist (BRP Lead)</p>	<p>Developed a pilot project designed to reduce emissions &amp; the amount of energy municipal facilities currently use. Recruited 14 facilities throughout MA to participate, and coordinated with 26 public and utility partners to show how energy services can be combined for maximum results. It is anticipated that all of the recommendations from the Massachusetts Energy Management Pilot for Drinking Water and Wastewater Treatment Facilities which may be found at <a href="http://www.mass.gov/dep/water/wastewater/empilot.htm">http://www.mass.gov/dep/water/wastewater/empilot.htm</a> will be funded through the green infrastructure set aside under the State Revolving Fund.</p>
76	PPA	45	<p>If resources permit, Work with EPA to encourage colleges and universities to participate in the New England C/U Energy Challenge. Include complementary activities in the "MassDEP only" portion of the plan.</p>	<p>Not done due to other work commitments</p>

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77	PPA	46	When completed, use the state's revised CHP regulation to identify opportunities to apply on-site renewables and combined heat and power in hospitals, Colleges and Universities and other industrial settings.	CHP Regulation not yet promulgated
78	PPA	48	Continue to implement the MA Rideshare program	190 reports submitted
79	PPA	49	Promote cleaner transportation fuels, including E85, low sulfur diesel fuel in marine and locomotive applications, and biodiesel	Supporting locomotive retrofits for Providence and Worcester RR and MBTA with EPA DERA and AEP settlement funds for locomotive retrofit and idling reduction technologies; Supporting Massport port electrification project.
80	MassDEP		Participate in the State Sustainability Council including strategic planning, implementing the waste reduction subcommittee work plan, providing assistance to 2-3 agencies in developing waste reduction programs, and reviewing guidance and documents	Participating in Leading By Example work group. Currently assisting Department of Conservation and Recreation, Courts and State Colleges with recycling. Also working on state surplus system update.
81	MassDEP		If resources are available, manage the municipal Climate Protection Grant program including awarding new grants, and overseeing and publicizing the result of old grants	\$ 39,000 ffy08 to 4 municipalities; 5 overseen ffy08
82	HEADING		Objective 1.6 Enhance Science & Research	
83	HEADING		Air Monitoring	
84	HEADING		Sub-Objective 1.6.1 Provide Science to Support Air Program	
85	PPA	50	Air Monitoring Network: Implement initial EPA approved changes to the air monitoring network to transition from the traditional NAMS/SLAMS framework to the framework for ambient air monitoring in the US as detailed in the National Ambient Air Monitoring Strategy	We have installed four (4) Trace Monitors in the field (SO2 and CO) and two Federal Equivalent Method (FEM) Continuous PM Monitors in the field this year.

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
86	PPA	51	Air Monitoring Network: Phase in use of NCore monitors, especially trace gas monitors, in order for the Ncore sites to be fully operational by the required January 1, 2009 start date. Once operational, report data to AQS.	The Ncore plan is due to EPA by July 1, 2009 and Ncore is required to be in place by January 1, 2011. Roxbury currently fulfills 95% of the Ncore primary site requirements.
87	PPA	52	Air Monitoring Network: Submit to EPA by July 1 the annual air monitoring network plan and schedule (40CRF58.10).	We met this goal. 2009 Network Plan will require Ncore plan.
88	PPA	53	Air Monitoring Network: Operate EPA-approved network (SLAMS, PAMS, PM), enter the air monitoring, precision and accuracy data into AQS within 90 days (180 days for VOCs) of the end of each calendar quarter (40CFR58.12, 58.14, & 58.16) and submit the annual SLAMS data certification by July 1 (40CFR58.15).	Goal met. New PAH sampler started at Roxbury in May, 2008.
89	PPA	54	Toxics Air Monitoring: Continue operation of the toxics air monitoring sites and enter the data into AQS.	Goal met. New PAH sampler started at Roxbury in May, 2008.
90	PPA	55	Quality Assurance: Update all approved QAPPs annually and five year revisions as needed. Ensure adequate, independent QA audits of NAAQS monitors or participate in NPAP and PEP QA programs.	All audits are done. We continue to review QAPPs and SOPs. Revised PAMS QAPP approved in 2008.
91	PPA	56	Prepare to terminate the existing PM §103 air monitoring grant on March 31, 2008 and continue operation of the PM2.5 air monitoring under §105 grant funds starting April 1, 2008.	PM 103 Grant was not terminated March 31. A new March to March 103 Grant was enacted. Remains to be seen what occurs in 2009.
92	HEADING		Objective 1.7 (MassDEP Objective) Clean Air and Global Climate Change: Maintaining Prior Gains (new)	
93	HEADING		Air Stationary Source Compliance Assurance	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
94	MassDEP		Ensure that stationary air pollution sources comply with permits, performance standards, and reporting requirements, through report reviews, emissions monitoring, inspections, technical assistance, and enforcement actions	See below
95	MassDEP		Highlights: priorities / projects / EPA commitments	
96	EPA		Conduct onsite Full Compliance evaluations at Air Operating Permit sources and taking enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA	Conducted 32 full onsite compliance evaluations and observed 28 stack tests and reviewed reports submitted by all 167 air operating permit sources. Issued 24 lower level and 3 higher level enforcement actions
97	EPA		Conduct offsite Full Compliance evaluations at Air Operating Permit sources and taking appropriate enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA	Completed 33 offsite Full Compliance Evaluations at air operating permit sources
98	EPA		Conduct onsite full compliance evaluations at RESm80 air pollution sources and taking appropriate enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA	Conducted 42 onsite inspections and observed 4 stack tests and reviewed reports submitted by all 170 RES m80 air pollution sources. Issued 9 lower level and 4 higher level enforcement actions
99	EPA		Conduct onsite full compliance evaluations at minor air pollution sources taking appropriate enforcement follow up as needed per the EPA Compliance Monitoring Strategy as modified for MA	Conducted 108 full compliance inspections, observed 10 stack tests and reviewed all reports submitted by minor air sources. Issued 30 higher level enforcement actions and 45 lower level enforcement actions based on inspection findings. An additional 17 higher level and 123 lower level violations were issued because of failure to submit annual source registration reports in a timely manner.



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100	MassDEP		Respond to the results of the EPA State Review Framework compliance and enforcement evaluation	BWP has implemented a series of measures to address EPA recommendations from the SRF review (Round 1). These measures include improved data quality control for air and RCRA data, a consolidated compliance evaluation checklist to document key actions in every inspection, a new inspection reporting form, a new format to document "Full Compliance Evaluations" in the Air Program and enhanced tracking of regional inspections. While EPA also recommended that additional resources be dedicated to Industrial Wastewater inspections and data reporting for these inspections, MassDEP is only doing wastewater inspections as part of multi-media inspections and has not shifted resources to dedicated inspection for this non-delegated program. In addition, transmittal of inspection data to EPA has been complicated by EPA's insistence that their paper forms be completed for each inspection before data be entered to PCS/ ICIS. BWP continues to work with EPA to streamline this process but at present, industrial wastewater inspections are not being reported to EPA. BWP has attended training for the next round of the SRF
101	EPA		Continue to populate EPA's Air Facilities System (AFS) data base	Ongoing
102	EPA		Complete QAPPs for Air Facilities (AFS) and National Emissions Inventory (NEI) systems	Draft QAPPs completed

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103	HEADING		Transportation Control Programs	
104	EPA?		Develop Final or Revised Air Quality Transit State Implementation Plan Regulations, submit SIP to EPA	SIP approved by EPA (in federal register 7/31/08)
105	MassDEP		Ensure that emissions from mobile air pollution sources are adequately controlled through transportation control planning	No activity this year
106	MassDEP		Ensure that emissions from mobile air pollution sources are adequately controlled through the enforcement of the tailpipe emissions limits and implementation of other tailpipe emission control programs	Inspection Maintenance(IM) program and Low Emission Vehicle (LEV) program ongoing
107	PPA	16	Process conformity determinations for ozone and CO 13 non attainment and maintenance areas	conformity reviews completed ffy08

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
108	MassDEP		Implement the Big Dig Mitigation measures including the Central artery / Transit Agreement, Monitor EOT's compliance with the Transit Regulation, Monitor MTA's compliance with the operating certification of the tunnel ventilation system, monitoring Mass Highway Department's compliance with the HOV lane requirement and study of the air quality benefits of the HOV lane	Transit commitments: Reviewed EOT bi-monthly reports and annual update report; conducted public meeting on annual update report on 9/8/08; MTA op cert monitoring and HOV lane ongoing through review of CAT tunnel monitoring data and periodic MHD HOV reports
109	MassDEP		Assure compliance with MassDEP Low Emission Vehicle / Zero Emission Vehicle (LEV/ZEV) program through reviewing manufacturers' fleet mix data , working with the Registry of Motor Vehicles to prevent registration of noncompliant vehicles, responding to tips and complaints, providing public information, and taking appropriate enforcement actions	Reviewed compliance data submitted by 29 auto manufacturers to ensure compliance with LEV/ZEV requirements; provide information to RMV for vehicle owners seeking waivers
110	MassDEP		Implement flexibility within the Zero Emission Vehicle mandate with CA and other states to maximize the use of advanced technology vehicles by reviewing auto manufacturer's alternative compliance plans	Reviewed ZEV reporting information for 6 auto manufacturers subject to ZEV mandate; track credits/debits through tracking spreadsheet
111	MassDEP		Review Massachusetts Environmental Policy Act projects for transportation and air quality impacts	28 projects reviewed and comments submitted to MEPA
112	HEADING		Tail Pipe Emissions Control Programs	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
113	PPA	9	Submit letter to EPA clarifying implementation of On Board Diagnostics 2 (OBD2) SIP.	Letter not submitted, but will be superseded by IM SIP revision to be submitted to EPA (target is by end of Dec. 2008)
114	PPA	10	Complete and submit annual Automobile Emissions Control Device Inspection and Maintenance (I/M) reports to EPA.	Annual and biennial reports submitted to EPA 9/29/08
115	MassDEP		Continuing to implement the I&M program	Biennial tail pipe emissions tests of vehicles and analysis of the results ongoing
116	MassDEP		Inspection Station Audits: Oversee 1600 equipment audits by contractors, conduct 150 equipment audits (with help from WERO, SERO) auditing each station at least once during the year	2,063 workstation audits completed (includes initial random audits, follow-up audits, and other audits (targeted, consumer complaint, RMV-requested, etc.)
117	MassDEP		Work with the Registry of Motor Vehicles on issuing emissions waivers, enforcement of the emissions testing and repair requirements	181 waivers issued.
118	MassDEP		Provide public information on the inspection and maintenance program including the repair report card, the quarterly technician newsletter, and responding to questions and complaints	Provide repair data via program web site; quarterly newsletter sent to inspection stations and repairers; motorist and industry call-in numbers maintained

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
119	MassDEP		Monitor onboard diagnostics testing (including data collection and analysis)	Data collection ongoing through the vehicle inspection database; monitor OBD data for trends analysis to detect inspection fraud
120	MassDEP		Award new contract for I& M tail pipe emission testing	Contract signed January 2008 with Parsons
121	MassDEP		Implement Commercial Fleet Anti idling initiative	Fleet vehicles not targeted in FFY 08
122	MassDEP		Mass Highway Department Construction Sites / Equipment: monitor Mass Highway Department Compliance with emissions controls	Worked with MHD to implement an audit program - began July 2008.
123	MassDEP		Manage the idling reduction grant program	18 municipalities awarded idling reduction grants
124	HEADING		Emissions Inventory	

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125	MassDEP		Maintaining air pollutant emissions inventories	2005 Inventory update was submitted to EPA in 10/08
126	EPA		Continue to populate EPA's National Emission Inventory (NEI) data base	Flow to EPA completed for 2006 information was delayed until December 2008.
127	HEADING		Air Pollution Source Regulatory Revisions	
128	MassDEP		Revise the AQ - Stage II Regulations	Final awaiting approval to promulgate
129	MassDEP		Revise the AQ - ERP Boiler Regulations including Ultra Low Sulfur Fuel Use	Done
130	MassDEP		Promulgate the AQ - Combined heat and power regulations	Hearings held; final regulations at A&F for approval to adopt
131	MassDEP		Revise the AQ- Emergency Engines Regulations for Tier IV Federal standards	On hold
132	MassDEP		Develop standards for the use of waste oil in space heaters	On hold pending receipt of emissions data from industry

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
133	MassDEP		Revise C&T I&M Heavy Duty Diesel Cut Points Regulations	IM regulation revised on 9/5/08; revisions included lower diesel cutpoints
134	MassDEP		Assist DOER with AQ Biomass emission standards in conjunction with renewable energy credit program changes	Ongoing meetings with Department of Energy Resources
135	MassDEP		Assist Fire Service with protocols for prescribed open burning under AQ regulations	Ongoing meetings with the Fire Service
136				
137			GOAL 2: CLEAN & SAFE WATER	
138			Objective 2.1 Protect Human Health	
139			Sub-Objective 2.1.1 By 2011 91% of the Population Served by CWSs will Receive Drinking Water That Meets all Applicable Health Based Standards	
140			Certification of Drinking Water Labs	
141			Highlights: priorities / projects / EPA commitments	
142	PPA	57	Maintain laboratory certification for state labs; follow up on any action items resulting from laboratory audits; maintain required schedule for private laboratory inspections.	On target
143			Source Water Protection	
144			Highlights: priorities / projects / EPA commitments	



#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
145	PPA	58	Support implementation of local programs and, where appropriate, continue to integrate source water projection implementation into other programs appropriate (e.g., UIC, storm water).	On target
146			Drinking Water	
147			Highlights: priorities / projects / EPA commitments	
148	PPA	59	Work to achieve target of 90% of population served by Community Water Supplies (CWS) that receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection.	Ongoing. Detailed information can be found by accessing DWP workplan at <a href="http://www.mass.gov/dep/water/priorities/09water.pdf">http://www.mass.gov/dep/water/priorities/09water.pdf</a>
149	PPA	60	Work to achieve target of 89.5% of CWSs that provide drinking water that meets all applicable health-based standards.	Ongoing. Detailed information can be found by accessing DWP workplan at <a href="http://www.mass.gov/dep/water/priorities/09water.pdf">http://www.mass.gov/dep/water/priorities/09water.pdf</a>
150	PPA	61	Work to achieve target of 95% of "person months" (i.e. all persons served by CWSs times 12 months) during which CWSs provide drinking water that meets all applicable health-based drinking water standards.	Ongoing. Detailed information can be found by accessing DWP workplan at <a href="http://www.mass.gov/dep/water/priorities/09water.pdf">http://www.mass.gov/dep/water/priorities/09water.pdf</a>
151	PPA	62	Long Term 2 Enhanced Surface Water Treatment Rule (LT2/Stage2): coordinate with the Region on early implementation issues; work on primacy package.	MassDEP took over the implementation of LT2/Stage 2 from EPA during the summer of 2008.
152	PPA	63	Sanitary surveys: expand use of electronic sanitary survey tool; conduct surveys of CWS and Non-Transient Non-Community Water Supplies (NTNCWS) on three-year cycle, Transient Non-community Waster Supplies (TNCWSs) on five-year cycle. At a minimum, report surveys for surface water and Groundwater Under Direct Influence (GWUDI) systems to Safe Drinking Water Information System (SDWIS).	138 systems were inspected in FFY 08.

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153	PPA	64	Data verifications: follow-up/correction of deficiencies noted in 2005 DV.	
154	PPA	65	Security/Emergency Response: continue to coordinate with EPA on security workshops, drills and pandemic planning.	On target with EPA's schedule
155	PPA	66	Follow-up on any Lead and Copper Rule (LCR) action items (e.g., follow-up on LCR data verification).	ongoing
156	PPA	67	Maintain timely and accurate reporting to SDWIS.	on target
157			UIC	
158			Highlights: priorities / projects / EPA commitments	
159	PPA	68	Close identified Class V motor vehicle waste disposal wells; Report UIC activities to EPA per 7520 form (e.g., number of inspections conducted, number of permits issued, etc.)	Submitted 7520 forms to EPA in October 2008
160			Sub-Objective 2.1.3 By 2011 Improve Quality of Recreational Waters	
161			Beaches	
162			Highlights: priorities / projects / EPA commitments	
163	PPA	69	Assist MA DPH as requested to implement beach monitoring program, including meeting performance criteria established by federal BEACH Act to remain eligible for FY08 beach grant.	assistance was provided
164	PPA	70	Participate in Regional Beach Initiative, including interagency beach workgroup and using "Flagship" beaches, Salem and Provincetown municipal beaches and Wollaston Beach, as models for state beach program.	participated and completed

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
165	PPA	71	Participate in Microbial Identification and Source Tracking (MIST) demonstration project at Wollaston Beach to evaluate microbial source tracking and rapid assessment methods	Participated and completed
166			Objective 2.2 Protect Water Quality	
167			Sub-Objective 2.2.1 By 2012 use Pollution Prevention and Restoration Approaches to Protect the Quality of Rivers, Lakes and Streams on a Watershed Basis.	
168	MassDEP	71A	Develop and submit to EPA by December 15, 2007, an acceptable Workplan to address nutrient impairments in the Massachusetts Estuary Program (MEP) study area in Southeastern MA. Implementation of this initiative will enable communities to solve water quality problems that arise in shared watersheds. The program will fund between 4 and 8 projects that involve more than one community's efforts to improve drinking water or estuarine water quality. Project proposals will be solicited from communities that are designed to better understand the impact of multiple town nutrient loading on the water quality of a specific bay or drinking water supply and/or better understand the management options available to communities to manage nutrient loads from multiple communities and design possible solutions.	Prepared and submitted a document "Inter-municipal Watershed Planning and TMDL Implementation to Restore Embayment Water Quality on Cape Cod: Three Case Studies of Towns Sharing Coastal Watersheds" to EPA. These case studies on Cape Cod address the fact that wastewater impacts to coastal embayments are not from typical NPDES discharges but from nonpoint source discharges to the ground from septic systems, stormwater runoff, large and small wastewater treatment plants, and use of fertilizers by the towns sharing the watershed. These case studies utilized a holistic, scientific approach by evaluating all nitrogen sources in the watershed for use in integrating a broad range of infrastructure and management solutions into existing state permitting programs.
169			303(d)/305(b)	
170			Highlights: priorities / projects / EPA commitments	

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171	PPA	72	Submit narrative 305(b) and 303(d) Integrated Report by April 1, 2008 and the electronic files using ADB for updated and new assessments once the integrated report receives final approval from EPA.	completed
172	PPA	73	MassDEP will georeference waters to NHD 1:25,000 and will begin using 1:24,000 when MassGIS is updated to reflect the finer resolution.	coordinating with MassGIS
173			Monitoring	
174			Highlights: priorities / projects / EPA commitments	
175	PPA	74	Implement final comprehensive water monitoring strategy covering lakes, rivers, estuaries, during FY2008.	MassDEP developed a comprehensive water quality monitoring strategy that addresses EPA's recommended ten elements. This strategy can be viewed for more details at <a href="http://www.mass.gov/dep/water/resources/stratgy9.pdf">http://www.mass.gov/dep/water/resources/stratgy9.pdf</a> . Implementation of these elements is an ongoing process.
176	PPA	76	Report on outcomes of monitoring activities using FY2007 106 supplemental funding for monitoring by Sept. 30, 2008, and prepare work plan for FY2008 106 supplemental funds by June 1, 2008.	Monitoring activities can be found <a href="http://www.mass.gov/dep/water/priorities/sggwhome.htm">http://www.mass.gov/dep/water/priorities/sggwhome.htm</a>
177			STORET/WQX (Water Quality Exchange)	

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178		77	Upload initial physical, chemical and biological data to WQX (formerly STORET). EPA understands that future uploads will be dependent on finalizing the data management upgrade project	A new contractor has been hired to complete all work associated with the upload of this new system and MassDEP is currently on target for completion of this project. More information can be found at <a href="http://www.mass.gov/dep/water/priorities/sggwhome.htm">http://www.mass.gov/dep/water/priorities/sggwhome.htm</a>
179			Water Quality Standards - Biological, Nutrient, Temperature	
180			Highlights: priorities / projects / EPA commitments	
181	PPA	78	EPA will continue efforts toward addressing flow quantity and water level issues to ensure protection of in stream waters uses and quality with EOE, DCR and other state and federal agencies.	on target
182	PPA	79	Conduct an assessment of MassDEP's biocriteria program, as provided by EPA OW at no cost.	MassDEP met with EPA and their consultants during the month of Dec 2008 to conduct a 3-day review of MassDEP biomonitoring and criteria program. We anticipate a summary and recommendations by March or April 2009.
183	PPA	80	Coordinate with EPA to adopt appropriate WQS revisions. EPA to take final action on previously submitted State WQS by 9/30/07.	EPA has approved many items in the WQ standards but some items are being carried over for further discussion.

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
184	PPA	81	Develop nutrient criteria in accordance with the Nutrient Criteria Development and Adoption Plan.	MassDEP developed draft criteria and met with EPA in 08 to discuss. MassDEP is now trying to address EPA's issues/concerns and is reevaluating some of the data.
185			Watershed Approach (Please refer to EPA's proposed revisions to its strategic plan (2008-2012) and the national water program guidance for FY'08 for further description of the watershed measures)	
186			Highlights: priorities / projects / EPA commitments	
187	PPA	82	Using the PPA process, 303(d) list, the nonpoint source RFP, national estuary program Comprehensive Conservation and Management Plan (CCMP), and other state processes, work with EPA to identify priority watersheds and water bodies using bacteria source tracking techniques or other available protocols or measures for the state to focus effort to identify and remediate specific sources and to protect and improve water quality. Where information is available assist EPA Region 1 to develop targets for FY'09 (Jan/Feb '08) and reporting progress for FY'08 on the watershed measures L, Y and W (Sept '08).	During FY08 MassDEP identified several watershed that were targeted for bacteria source tracking techniques. Although not all this information is yet compiled, MassDEP can provide a list of identified waterbodies and a status of those activities.
188	PPA	83	In those priority water bodies and watersheds, work to leverage existing tools such as the state's TMDL, nonpoint source, water quality, permit, SRF grant, national estuary, and source water assessment programs to concentrate implementation efforts and to measure improvements.	During FY08 MassDEP identified several watershed that were targeted for bacteria source tracking techniques. Although not all this information is yet compiled, MassDEP can provide a list of identified waterbodies and a status of those activities.

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
189	PPA	84	Work with EPA to identify and develop a list, where information is readily available, of water bodies that the state is working to fully restore (measure L) or partially restore (measure Y) over the next several years.	MassDEP has not met with EPA
190	PPA	85	For measure W, work with EPA Region 1 to review and update (if needed), based on existing and readily available information, a list of impaired watersheds (at the 12-digit level) that the state is working to restore, and include the projected date of the improvement where possible. The list should also include impaired watersheds where significant work towards restoration is underway. By 9/30/08, report any progress (or refer to existing reports as relevant) on restoration work completed in measure W watersheds.	MassDEP has not met with EPA
191			NPS 319	
192			Highlights: priorities / projects / EPA commitments	
193	PPA	86	Use the 2004 Nonpoint Source Program and Grants Guidelines for States and Territories to identify eligible activities, program priorities and reporting requirements.	BRP continues to use the 2004 Guidelines to identify eligible projects and maintains a base Nonpoint Source Program to meet EPA mandated requirements for 319 funding.
194	PPA	87	Work with other government agencies to influence the targeting of a portion of the Farm Bill Programs (e.g., EQIP) to areas of environmental concern (i.e., impaired waters, fragile waters in need of protection, and a watershed approach).	BRP will work with the National Resources Conservation Service (NRCS) to complete this goal. The NRCS now prioritizes funding using MassDEP's nonpoint source strategies and the impaired waters list.



#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
195	PPA	88	Target 319 funds for priority segments or watersheds to include measure W watershed. Increase the NPS program performance in the restoration or partial restoration of impaired waters and prepare and submit 1 success story for restored or partially restored water bodies in accordance with EPA national computational guidance.	Through the use of Watershed-Based Plans, specific nonpoint source plans have been produced that follow guidelines set by EPA and use targeted 319 funds.
196	PPA	89	Enter all 319 grant dollars and mandatory data elements into the Grants Reporting Tracking System (GRTS) by Feb 15th of each year and provide timely review of national GRTS reports prepared for the state and attend annual GRTS training..	BRP is on target for entering data into GRTS. More information can be found at <a href="http://www.mass.gov/dep/water/priorities/sggwhome.htm">http://www.mass.gov/dep/water/priorities/sggwhome.htm</a> .
197	PPA	90	Ensure that watershed based plans are developed using incremental dollars portion of the 319 funds that will contain the 9 (a- i) elements specified in the 2004 guidance.	BRP currently has 65 active projects with a total value of approximately \$25 million. It is anticipated that 11 new projects will be funded in FFY09.
198	PPA	91	Submit a 319-related work plan and annual report for all projects and activities. Provide information annually relative to the distribution of funding toward implementation projects, staffing, and statewide nonpoint program activities, progress in meeting the annual priorities and commitments and in carrying out the state NPS Management Program, improvements in water quality resulting from program implementation, and the status of implementation projects.	This information can be found on MassDEP's website at <a href="http://www.mass.gov/dep/water/grants.htm">http://www.mass.gov/dep/water/grants.htm</a> .
199			NPDES Development	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
200			Highlights: priorities / projects / EPA commitments	
201	PPA	92	Complete drafts for all permits for which the DEP agreed to prepare prior, including those agreed to prior to FY2005.	DWM-NPDES permit program will submit 6 permits to EPA for review and final issuance. One permit for Gosnold may drop off the list as the discharge may no longer exist.
202	PPA	93	Identify NPDES work-sharing activities for FY 2008, including Saugus River watershed permits.	Permit program will work with EPA on issuing the 2 permits in the Saugus River Watershed; Wheelabrator-Saugus & General Electric; both are power plant discharges. DWM-NPDES along with DWM Biological staff review elements of the permit and provide technical feedback to EPA. EPA is the main writer of the permits and determines the timing of the issuance of the permits.
203	PPA	94	MassDEP will work with EPA to develop efficiencies in processing NPDES permits including ways to reduce duplication between the agencies, increase production of permits, develop nutrient effluent limits, consolidate state agency reviews and explore state NPDES delegation.	Working with EPA to improve program efficiency, attempting to get better guidance and direction on nutrient limits and is participating in the work group looking at potential NPDES delegation.
204	PPA	95	Participate in bi-monthly coordination and planning calls on the status of joint NPDES permits.	EPA initiates the timing of the coordination calls during the year. BRP participates in each call.
205	PPA	96	Coordinate on NPDES Permitting for Power Plants.	Permit program will work with EPA on issuing permits for Wheelabrator-Saugus & General Electric; both are power plant discharges. DWM-NPDES along with DWM Biological staff review elements of the permit and provide technical feedback to EPA. EPA is the main writer of the permits and determines the timing of the issuance of the permits.
206	PPA	97	Assist EPA in responding to comments received during public comment periods.	on target

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
207	PPA	98	Assist EPA in defending NPDES permit appeals.	on target
208	PPA	99	Assist in the issuance of 4 priority permits in FY08, most likely GE-Pittsfield, Mirant Canal, GE-Lynn and Wheelabrator Saugus.	the Mirant and GE Pittsfield NPDES permit have been issued. Mirant is appealing the decision. BWP continues to work with EPA on the other permits.
209	PPA	100	Assist in the development and issuance (FY07 or FY08) of general permits including drafting state WQ requirements: non-contact water GP, Water treatment backwash discharge GP, reverse osmosis GP, and construction dewatering GP.	Information on general permits have been posted to MassDEP's web site: <a href="http://www.mass.gov/dep/service/regulations/newregs.htm#storm">http://www.mass.gov/dep/service/regulations/newregs.htm#storm</a>
210	PPA	101	Current level of effort on reviewing and commenting on targeted Phase II MS4 Notices of Intent and Annual Reports.	MassDEP will review all available information including reports and assessments to target areas of concern over the next 5-year permit term.
211	PPA	102	Support the regional programs by helping with storm water permitting outreach efforts.	With the development of the Stormwater Management standards and guidance documents, trainings and workshops were held throughout the state for all local municipal officials. A total of 22 trainings/workshops were held.
212	PPA	104	Assist in the joint reissuance of Phase I MS4 permits for Boston and Worcester.	On target with EPA's schedule
213	PPA	105	Assist in the development of new Phase II Storm Water MS4 GP for issuance in FY08 and new Construction Storm Water GP for issuance in FY08.	On target with EPA's schedule
214	PPA	106	Work with EPA to approve and enforce Long Term CSO Control Plans.	On target with EPA's schedule

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
215	PPA	107	Work with EPA to reconcile policy issues related to variances/water quality standards determinations/and affordability issues.	On target with EPA's schedule
216			TMDL Development	
217			Highlights: priorities / projects / EPA commitments	
218	PPA	110	Participate in Region 1/State TMDL Innovations effort to improve environmental effectiveness of the TMDL program.	ongoing
219	PPA	111	TMDL commitment target for FY08: 90-150, assuming EPA approves 70 watershed pathogen TMDLs (substitutions allowed).	To find a list of the current list of TMDLs targeted for MassDEP, please refer to the Environmental Goals web page at <a href="http://www.mass.gov/dep/water/priorities/09swgw.pdf">http://www.mass.gov/dep/water/priorities/09swgw.pdf</a>
220	PPA	111A	MassDEP will work with the other New England states and EPA to develop and approve a Regional Mercury TMDL.	The Northeast Regional Mercury TMDL is a Federal Clean Water Act mandated document that identifies pollutant load reductions necessary for regional waterbodies to meet and maintain compliance with state and federal water quality standards and was prepared by the New England Interstate Water Pollution Control Commission (NEIWPCC) in cooperation with the states of Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, and Vermont. The TMDL covers waterbodies that are impaired primarily due to atmospheric deposition of mercury. The draft document is located on MassDEP's website.
221			Sub-Objective 2.2.2 By 2011 Prevent Water Pollution and Protect Coastal and Ocean Systems to Improve National Coastal Aquatic Ecosystem Health.	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
222			Dredged Material Management	
223			Highlights: priorities / projects / EPA commitments	
224	PPA	112	Participate on Regional Dredging Team Technical Workgroup (aka Sudbury Group) to coordinate with other federal and state agencies on planning and regulatory activities associated with dredging and dredged material management.	Coastal Zone Management has been the primary participant.
225	PPA	113	Coordinate with MA CZM to regulate dredging and dredged material disposal in MA coastal waters.	MassDEP' Bureau of Resource Protection has been coordinating with Coastal Zone Management
226			Objective 2.3 Science & Research	
227			Sub-Objective 2.3.2 Water Monitoring	
228			Highlights: priorities / projects / EPA commitments	
229	PPA	116	Participate as feasible in New England REMAP Lakes and Ponds Study (NELP), Biological Condition Gradient (BCG) workgroup, and other biological/water quality monitoring activities, and attend relevant meetings/conferences (e.g. NEAEB).	MassDEP participated in the methods training for this project and provided one staff person who attended, observed, and assisted in several field surveys.
230	PPA	117	Participate in or coordinate with EPA's Office of Water's National Assessments as resources allow.	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
231			Objective 2.4 (MassDEP Objective) Maintaining Prior Gains in Water Quality	
232	MassDEP		Sub-Objective 2.4.1 (MassDEP Sub-Objective) Ensuring that industrial wastewater discharges from industrial activities do not pollute Massachusetts waters and lands	
233	MassDEP		Issue permits that limit discharges of water pollutants to ground and surface waters, and sewers	Issued 2 groundwater discharge, 9 surface water discharge and 76 sewer connection permits
234	PPA		Support EPA on Power Plant NPDES permit reviews	Ongoing
235	PPA	99	Assist EPA in the review of 4 priority NPDES permits in FY08, most likely GE-Pittsfield, Mirant Canal, GE-Lynn, and Wheelabrator Saugus.	Ongoing

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
236	MassDEP		Issue sewer discharge permits for selected contaminants such as perchlorate	See above
237	MassDEP		Ensure that industrial wastewater sources comply with permits and performance standards, and reporting requirements, through report reviews, emissions monitoring, inspections, technical assistance, and enforcement actions	Conducted 99 inspections of industrial wastewater dischargers and issued 12 lower level and 9 higher level enforcement actions
238			Highlights: priorities / projects / EPA commitments	
239	MassDEP		Implement the permitting and certification process under the revised industrial sewer discharge program	Issued 76 sewer connection permits

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
240	MassDEP		Develop eDEP for the revised industrial sewer discharge program	DEP's on-line reporting system uses a pdf forms platform. This platform does not provide the flexibility needed to automate the IWW permit or certification forms, so work on this specific form was parked in FY2008. DEP invested a lot of work and resources
241	MassDEP		Develop the toxics reporting program under the revised industrial sewer discharge program	Developed an implementation plan for the toxics reporting program
242			GOAL 3: LAND PRESERVATION & RESTORATION	
243			Objective 3.1 Preserve Land	
244			Sub-Objective 3.1.1 Reduce Waste Generation & Increase Recycling	
245			Resource Conservation Challenge	
246	PPA	118	Participate in discussions and possible collaboration on projects related to the RCC National Priority Areas (35% recycling with focus on organics, paper and packaging, beneficial use with focus on coal combustion products, foundry sand and construction and demolition debris, reduction of toxics chemicals and electronics).	1) Worked collaboratively with EPA on MassRecycles Paper Campaign to promote paper recycling 2) through NERC worked on Food Waste Recycling at special events



#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
247	MassDEP		Solid Waste Master Plan (MassDEP heading)	
248	MassDEP		Develop a Zero Waste Strategy	Ongoing - this is part of the Solid Waste Master Plan revision. Next step is public meeting in Dec 08 and Jan 09 followed by development of draft plan
249	MassDEP		Develop a strategy for achieving the goal of reducing the solid waste stream requiring disposal by 70% by the year 2010 and track annual progress	Ongoing - see above point
250	MassDEP		Emergency preparedness (avian flu carcass plan, biowatch, disaster response)	Ongoing - completed guidance for local government officials and draft revised state plan
251	HEADING		Grants loans, technical assistance (MassDEP heading)	
252	heading		Commercial Waste Reduction Assistance (MassDEP heading)	
253	heading		Provide Business Technical Assistance (MassDEP heading)	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
254	MassDEP		Provide education and outreach to business by providing technical assistance through the web, hotline, phone calls and emails and expanding listings on Earth's 911 Small Business Recycling Resource Center	1) Handle 15-20 calls/emails a week through a) commercial waste reduction hotline b) direct contact with commercial branch staff
255	MassDEP		Promote WasteWise by seeking to enroll up to 10 new members creating membership materials, holding two WasteWise events, issuing awards and increasing reporting by members	40 new members, awards given to 2 businesses (Staples and Whole Foods), 2 WasteWise forums held, Technical assistance grant program launched - 2 grants given Received Endorser of the Year Award from EPA
256	MassDEP		Implement business grants program: fund and manage 2 business recycling technical assistance proposals through Municipal Waste Reduction Grant program	1) City of Boston for Sustainable Business Leader Program - 27 businesses recruited, 3 workshops held with participants, 20 sustainable business work plans drafted 2) City of Lawrence - Building Materials Reuse Program business plan developed
257	MassDEP		Implement the disaster debris open burning program: ongoing serve as the MassDEP contact and respond to requests for open burning permits	
258	heading		Organics Recycling (MassDEP heading)	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
259	MassDEP		Implement the Supermarket Initiative by increasing supermarket certifications (goal is to increase from 35 to 100), managing the EPA Technical Assistance Grant and providing quarterly progress updates to the MFA	87 supermarkets representing 6 chains are certified. Whole Foods and Hannaford have achieved chain-wide certification. Technical assistance provided to Big Y stores, MFA progress reports given quarterly.
260	MassDEP		Promote organics recycling at convention centers and Hotels by working with the BCEC/Hynes, promoting it to other large venues and managing an EPA grant	Case study for BCEC/Hynes drafted, metrics being analyzed, workshop held for hotels on food waste composting and recycling
261	MassDEP		Promote organics recycling by food service providers and food processors by meeting with large providers (Aramark, Sodexho, Sysco and participating in NERC event management grant	Worked with SYSCO to promote and collect food waste from 4 food events, worked on project with NERC to expand to NH and draft food waste management plan. Project results presented to multiple stakeholders (Sr mgmt, SWANA, organics subcomm).
262	MassDEP		Support the SWAC Organics Subcommittee by holding quarterly meetings; and subgroup meetings on summit planning, capacity, and emerging issues	Quarterly meetings held, Summit planned and held March 2008
263	MassDEP		Establish Determination of Need limits for horse manure management	Work ongoing

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
264	MassDEP		Develop organics recycling capacity by providing technical and financial assistance to existing and proposed organics facilities as requested, monitoring/assisting with the t EPA Marlborough TA grant, finalizing , posting and promoting model RFP documents, coordinating MWRA/Wastewater efforts on organics and liquid wastes.	1) Model RFP documents developed 2) Meetings held with prospective organics capacity developers 3) On-going technical assistance provided to existing organics capacity providers
265	heading		Product Stewardship (MassDEP heading)	
266	heading		Commercial Paper recycling (MassDEP heading)	
267	MassDEP		Increase recycling by state colleges and agencies by providing technical assistance work with one or two colleges on Resource Management contracting, developing template contract language for OSD solid waste service and evaluate the potential for promoting Resource Management contracting to other sectors, educate haulers on Resource Management contracting	1) RM template contract developed, 2) RM TA provided to hospital sector 3) Bridgewater State College Contract Executed
268	MassDEP		Support municipal business recycling programs identifying successful models, developing cases studies, providing technical assistance, overseeing the NERC rural business recycling project and developing outreach materials on waste bans and recycling opportunities	Coordinated with NERC on workshop for rural businesses, tools developed and available on web. Other work on hold due to staffing limitations (no backfill)

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
269	heading		Market Development (MassDEP heading)	
270	MassDEP		Implement Recycling Loan Fund by managing contract with Massachusetts Business Development Council approving loan eligibility requests, and conducting a recycling economic impact study	1) 2 loans approved 2) Recycling Economic Impact Study - provided and confirmed state statistics, draft documents reviewed 3) provided ongoing TA to recycling related businesses in sourcing material, permitting, and marketing
271	heading		Waste Ban implementation (MassDEP heading)	
272	MassDEP		Plan and coordinate waste ban inspections and enforcement	on-going coordination between Boston and regional staff performing waste ban inspections, bi-weekly team meetings held -
273	MassDEP		Conduct outreach, inspections, enforcement	1) 17 facility inspections conducted by Boston based staff, resulting in 14 NONs 2) additional inspections conducted /enforcement by regional staff
274	heading		Implement the Bottle Bill (MassDEP heading)	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
275	MassDEP		Respond to Bottle Bill legislative initiatives	on-going
276	MassDEP		Register redemption centers	registered 121 redemption centers twice a year
277	MassDEP		Provide public information to centers, consumers, distributors, retailers and officials, and coordinate with the Department of Revenue	on-going - 10 - 12 calls per week
278	MassDEP		Award and administer bottle bill grants	55 grants given totaling \$465,500
279	HEADING		Commercial Paper recycling (MassDEP heading)	
280	MassDEP		Develop standard Resource Management Contract language that promotes commercial paper recycling	Completed

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
281	heading		Municipal Waste Recycling (MassDEP heading)	
282	MassDEP		Provide ad hoc technical assistance to municipalities on contracting, program effectiveness, equipment inventories, and updating the Earth 911 information about recycling and sustainability resources available in communities	Held 2 contracting workshops, 12 regional sw/recycling meetings, provided approximately 4,000 hours of ad hoc technical assistance through Municipal Assistance Coordinators.
283	MassDEP		Promote home composting of organics and source reduction through managing the home composting bin program, conducting train the trainer workshops and teacher training, and disseminating home composting and source reduction educational and promotional mater	Held 11 public workshops on home composting and healthy lawn and landscapes; held 4 train-the-trainer composting workshops; disseminated 20,000 brochures on composting and grass-cycling.
284	MassDEP		Award and monitor TA grants to municipalities (5-15), regional groups, and non-profits to conduct customized waste reduction pilots and initiatives, and post project descriptions on the web.	Held 2 contracting workshops, 12 regional sw/recycling meetings, provided approximately 4,000 hours of ad hoc technical assistance through Municipal Assistance Coordinators.
285	MassDEP		Manage the recycling equipment and consumer education grant program including holding grant workshops, renewing state contracts for containers and compost bins and awarding grants to 100+ communities	Awarded 16 projects (involving 27 communities) for total of \$415,300. Also awarded 3,520 hours of TA for 46 municipal waste reduction projects.
286	MassDEP		As funding allows, manage the water conservation grant program including awarding 5-10 and \$20k new grants and overseeing and assessing in 15-20 existing grants	Awarded 156 municipalities \$530,194 in recycling and composting equipment and education materials; renewed state contracts for composting bins, recycling bins and public space recycling containers

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
287	MassDEP		Award and manage air quality/transportation grants including managing the idling reduction toolkit, distributing and promoting the emissions reduction manual for local communities	Awarded 18 municipalities "Idling Reduction Toolkits" valued at 11,750; held two municipal idling reduction workshops.
288	MassDEP		As funding allows award and manage the rain barrel grant program	Awarded 68 communities rain barrels and water conservation kits valued at \$29,898; renewed state contract for rain barrels.
289	MassDEP		Promote Pay as You Throw programs through providing technical assistance, holding workshops, and collecting and publicizing results	Provided technical assistance to 16 municipalities to evaluate costs/benefits of PAYT; assisted 6 municipalities in implementing PAYT programs in FFY08; exhibited on PAYT at MassMunicipal Assn annual conference; collected data for case studies on PAYT programs.
290	MassDEP		Manage the DEP Approved Recycling Program (DARP) through which participating communities are exempted from waste ban inspections, including registering communities and providing assistance on complying with DARP criteria, and auditing compliance	extended DARP criteria for 12 months, until 6/30/09; notified municipalities; began internal discussions on criteria modifications post 6/30/09.
291	heading		Education and Outreach (MassDEP heading)	
292	MassDEP		Manage the Earth 911 contract to maintain and update the Earth 911 data on local sustainability and recycling information, and modify the website structure	on-going



#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
293	MassDEP		Promote the "Green Team" approach to environmental protection including working with schools, keeping the website up to date, rebidding the program administrator, and developing a climate/energy module the program within MassDEP	Rolled out new climate protection module in Green Team; 825 teachers participated from 409 schools, representing 141,000 students. Recycling and compost equipment was provided to approx. 50 Green Team schools
294	MassDEP		Provide waste reduction education for the general public through workshops for the general public on lawn and landscape care, pesticide management, backyard composting, Earth Day and America Recycles Day promotion and participation	See above for composting workshops; general public outreach: staff exhibits at EarthFest and Down to Earth Sustainability Show; coordinated America Recycles Day statewide events listings; issued press releases on ARD, Earth Day, "green holidays".
295	MassDEP		Continue to support municipal waste reduction outreach efforts through grants, workshops and distribution of the Municipal Waste Reduction Outreach Toolkit, and managing the statewide recycling campaign efforts of SSRC and MassRecycle	Served on steering committee of statewide Mass Recycles Paper campaign; provided 300 hours of technical assistance to campaign development and promotion; funded \$25k grant; distributed 50 Municipal Waste Reduction Toolkits.
296	MassDEP		Promote the recycling and reuse of state surplus property through working with OSD and with EPA and Northeast Recycling Council (NERC), distributing a bimonthly email on available items	Initiated work with OSD on redesigning the state surplus management system to better automate process. Bid for development due out in January 09.
297	MassDEP		Oversee the Springfield Materials Recovery Facility (MRF) including overseeing the contract and day to day operations and facility maintenance, participating in the advisory council and evaluating how to increase tonnage, and f	Conducted tours at MRF; monitored operator performance, tracked tonnage; participated in MAB meetings
298	MassDEP		Review and approve the Municipal Waste Combustor waste diversion reports including monitoring mercury diversion	Reviewed and approved 2007 CY reports from 5 facilities.

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
299	MassDEP		Support household hazardous product collection programs through planning and development assistance to permanent collection facilities, managing state household hazardous product, CRT and mercury collection vendors, maintaining information on available	Provided approx. 300 hours technical assistance through MACs to regional HHW collection networks; assisted OSD on rebid of statewide HHW contract.
300	MassDEP		Support school hazardous chemical clean out efforts through awarding \$20,000 in new grants, participating in MATS, promoting the program through workshops and information with town officials (Fire Departments, Boards of Health, School Committees etc.)	Held 3 school chemical mgmt workshops, funded 4 schools cleanouts; provided 350 hours of technical assistance to 8 schools.
301	MassDEP		Participate in the Northeast Recycling Council (NERC) including serving on the board of directors	on-going, attended 3 board meetings
302	MassDEP		Participate in national and regional recycling groups including Northeast Resource Recovery Association (NRRRA), MassRecycle, Northeast Waste Management Officials Association and NEWMOA) and Solid Waste Association of North America (SWANA)	on-going
303			Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly	
304			Sub-Objective 3.1.2 Manage Hazardous Wastes & Petroleum Products Properly	
305			RCRA Authorization	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
306	PPA	119	Conduct public hearings to adopt approximately 65 federal RCRA rules (includes LDR and miscellaneous rules).	
307	MassDEP		Obtain Federal authorization for the RCRA Corrective Action program	• authorization was finalized in March 2008
308			RCRA Permit Renewals	Done
309	MassDEP		Issue permits to hazardous waste management facilities: hazardous waste treatment storage and disposal facilities, hazardous waste transporters, and hazardous waste recyclers to ensure that their operations do not cause harm	Issued: 52 Emergency Treatment Permits; 8 Haz waste transporter lics/ New applications HW 05; 18 Haz. waste transporter lics/ Renewal applications HW 14; 1 Precious metals transporter lic.; 410 haz. waste transporter Vehicle Identification Devices Hazardous; 6 Modifications of Transporters License; 250 Annual Haz. Waste Recyclers reports; 1 draft HW Recyclers permit
310			Highlights: priorities / projects / EPA commitments	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
311	PPA	120	Make TSDF licensing decisions for all the remaining (four (4)) TSDFs with pending renewal applications on FFY06-08 GPRA permit renewals baseline.	Issued: 2 hazardous waste facility permits(ECC and Solutia); one administrative consent order to expedite issuance of license renewal to Clean Harbors; completed draft license for Safety Kleen Marlborough however placed on hold until signatory issues settled between facility owner and facility operator; Safety Kleen West Brookfield renewal in final stages of draft preparation. Regulation Packages: Promulgated (1): Mixed waste/Corrective Action Regulations (eff. 7/13/07);Proposed (2): Miscellaneous oil/recycling regulation (approved by Colman 2/08; hearings week of 12/1/08) and LDR/Authorization regs (reviewed through J. Miller as of 6/30/08); Waivers Issued (2):Jabil Circuit (6/23/08), Incom (8/5/08)
312			UST	
313			Highlights: priorities / projects / EPA commitments	
314		121	Not PPG eligible - all states are eligible except Massachusetts; MA State Fire Marshal has its own categorical grant.	SEE Fire Marshall for Status for PPA #s 121-132
315	PPA	122	Improve UST Operational Compliance: (a) maintain or increase number of field inspections to determine significant operational compliance.	
316	PPA	123	Improve UST Operational Compliance: (b) continuing to improve operational compliance by 1% over rate of previous year.	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
317	PPA	124	By 8/8/07, have all UST facilities inspected at least once since December 1998.	
318	PPA	125	Requirement to inspect all regulated UST facilities once every 3 years, complete all inspections by 8/8/10 (1 year extension can be granted by EPA if necessary)	
319	PPA	126	Reduce Number of Confirmed UST Releases Annually - Regional target of <400; between FY99 and FY05, confirmed releases averaged 495 (4% of National total).	
320	PPA	127	Evaluate existing UST Statutory Authority to determine whether the State has sufficient authority to adopt all upcoming USTCA requirements including, 2nd containment, delivery prohibition and operator training.	
321	PPA	128	Begin design of operator training in 2007 to be in place by August 2009. All operators must be trained by 08/0812.	
322	PPA	129	Implement secondary containment and under dispenser spill containment regulations for any new tank or piping that is within 1,000 feet of any existing community water system or existing potable drinking water well, or installer/manufacturer financial responsibility requirements by 2/2007.	
323	PPA	130	Implement Delivery Prohibition Program one year after EPA guidelines are published or by 8/2007.	
324	PPA	131	Evaluate States capacity to produce government owned UST (local, state, fed) compliance report first due 8/2007.	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
325	PPA	132	Evaluate States capability to produce the USTCA public record which will include: the number, sources, and causes of underground storage tank releases; the record of compliance by USTs; and data on the number of UST equipment failures in State. First annual report due 8/2007.	
326			Objective 3.2 Restore Land	
327			Sub-Objective 3.2.1 Prepare for & Respond to Intentional & Accidental Releases	
328	PPA	133	EPA will continue to work with the New England states on Homeland Security and emergency response readiness issues through routine, day-to-day coordination and the existing Regional Response Team mechanism.	on-going
329	MassDEP		Implement comprehensive staff training program	• provided 40 ER personnel with 59 hours of annual ER training
330	MassDEP		Maintain and upgrade equipment and supplies to meet needs	<ul style="list-style-type: none"> <li>• purchased a \$180K mobile laboratory (stocked with \$115K of support equipment) that is available 24/7 anywhere in the state</li> <li>• purchased \$120K on lab supplies, PPE, and equipment not related to the mobile lab</li> <li>• implemented a new database to track equipment repairs; of the 350 pieces in the database, 20 instruments were repaired or factory calibrated</li> </ul>

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
331	MassDEP		Coordinate responses across DEP programs and with external agencies	<ul style="list-style-type: none"> <li>• procured and distributed 12 fully stocked oil spill response trailers to North Shore coastal communities; offered 4 one-day training courses to first responders in using the equipment</li> <li>• conducted a multi-agency field training exercise in Falmouth attended by 50 federal, state, and local first responders</li> <li>• completed Geographic Response Plans for 29 sites to be protected at Cape and Islands locations</li> <li>• participated in 16 DHS emergency preparedness Homeland Security Advisory council exercise and planning sessions</li> <li>• participated in EPA's New England Homeland Security Environmental Summit</li> <li>• participated in 5 MassHighway Traffic Incident Management Task Force actions and highway incident After Action Reviews</li> </ul>
332			Sub-Objective 3.2.2 Clean Up & Reuse Contaminated Land	
333			Corrective Action Sites	
334			Highlights: priorities / projects / EPA commitments	
335	PPA	134	Achieve Human Exposures Controlled Under Current Conditions at two (2) facilities, in addition to commitments not provided in FY 2007.	MassDEP completed along with EPA the HE Controlled at two facilities (Leavens Mfg. and General Chemical). There were no additional beans required from FFY2007

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
336	PPA	135	Achieve Contaminated Ground Water Migration Under Control at two (2) facilities, in addition to commitments not provided in FY 2007.	MassDEP completed GW Migration Controlled EI's at 2 facilities in FFY2008 ( Wyman - Gordon Co.- N. Grafton and Walton & Lonsbury - Attleboro). There were no additional beans required from FFY2007
337	PPA	136	Achieve site-wide Remedy Selection at two (2) facilities, in addition to commitments not provided in FY 2007.	Mass DEP completed 3 CA Remedy Selections at Cyn Oil, Zecco, and Solutia in FFY 2008. This makes up for one not completed in FFY 2007.
338	PPA	137	Achieve Construction Complete at one (1) facility, in addition to commitments not provided in FY 2007.	MassDEP completed 2 CA remedy Construction Completed at Cyn Oil and Zecco in FFY2008. This makes up for one not completed in FFY 2007.
339	PPA	138	Assessment of financial assurance current status at remaining facilities from 2006 goal, in addition to commitments not provided in FY 2007.	A total of 25 RCRA and 67 Solid Waste facility financial assurance mechanisms (FAMs) were reviewed. This review checks that the various financial instruments for closure, post-closure, corrective action and third party liability are being maintained and that any necessary updates such as inflation factor adjustments or amendments to instruments, have been made. In addition MassDEP reviewed the surety bond or a letter of credit in the amount of \$10,000.00 for each of the 110 Hazardous Waste Transporters
340	PPA	139	Verify adequacy of financial assurance instrument at remaining facilities from 2006 goals, in addition to commitments not provided in FY 2007.	Completed
341			LUST	
342			Highlights: priorities / projects / EPA commitments	
343			Not PPG eligible - funds are in separate LUST Trust Cooperative Agreement.	



#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
344	PPA	140	Reducing the Cleanup Backlog: The National target for annual cleanups completed of releases from leaking underground storage tanks (LUSTs) is 13,600. At midyear of FY06, cumulative number of 12,478 LUSTs cleanups were completed in New England, with a backlog of 3,881. Specific number of LUST cleanups completed for Massachusetts in FY08 will be negotiated in fall 07.	• 142 LUST cleanups were completed
345	PPA	140A	Comply with Public Records Provisions of the Energy of Policy Act of 2005 (EPA 510-R-07-001)	• continued coordination with the Office of the State Fire Marshal through letters and 3 meetings to identify sources and causes of releases of LUSTS
346			Superfund Sites	
347			Highlights: priorities / projects / EPA commitments	
348	MassDEP		Ensure that state requirements are included in determining cleanup goals <a href="http://www.mass.gov/dep/cleanup/sites/superfnd.htm">http://www.mass.gov/dep/cleanup/sites/superfnd.htm</a>	• reviewed and commented on 2 feasibility studies, 4 proposed plans, 7 Records of Decision, 1 Engineering Evaluation/Cost Analysis, 1 Action Memorandum, and 1 Explanation of Significant Differences
349			Formerly Used Defense Sites	
350			Highlights: priorities / projects / EPA commitments	
351	MassDEP		Ensure that the state's requirements are followed in establishing the priority list and cleanup goals	• met with Army Corps officials 3 times to discuss and refine the priority list and discuss a schedule to address the 140 sites on the list

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
352			Lead Shot Initiative	
353			Highlights: priorities / projects / EPA commitments	
354	MassDEP		Educate and provide technical assistance to outdoor shooting range facilities and associated groups such as the Gun Owners' Action League on problem identification and remedies and implementation of Environmental Stewardship Plans	• operated program in a maintenance mode
355	MassDEP		Identify outdoor shooting ranges that require remedial actions and ensure implementation of remedial plans	• provided technical assistance upon request, but no site visits were initiated
356	MassDEP		Gather additional information, generated by both range and agency investigations on environmental conditions at shooting ranges, to inform LSI policy development and compliance/enforcement efforts	• met 6 times as a work group on program development issues, including finalizing a white paper on the ecological impacts of shooting ranges and considerations for addressing mitigation under the MCP
357			Brownfields	
358			Highlights: priorities / projects / EPA commitments	
359	MassDEP		Develop a brownfields database to track information about sites MassDEP is involved with to support establishing measures of success and allow cross-coordination with other agencies	• database has been up and running since July 2007
360	MassDEP		Advocate and educate for brownfields redevelopment among municipal officials and the development community	• spoke at more than 15 conferences and other general outreach events

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
361	MassDEP		Provide technical assistance to municipalities, the Attorney General's Office and proponents of sites in Economic Development Areas	• worked on 259 distinct brownfield sites, 74 of which involved technical assistance to municipalities, 203 were in EDAs, and 7 Covenants Not to Sue in conjunction with the office of the Attorney General
362			Asbestos in Soil	
363			Highlights: priorities / projects / EPA commitments	
364	MassDEP		Finalize policies and regulations to address the notification, assessment, cleanup and disposal soil contaminated with asbestos.	• sent regulations to Commissioner's Office for final review and approval in June 2008
365	MassDEP		Update MassDEP's policy on reuse of soil at landfills to incorporate the reuse of soils containing low levels of asbestos	• sent revised soil reuse policy sent to Commissioner's Office for final review and approval in June 2008
366			RCRA Corrective Action	
367			Highlights: priorities / projects / EPA commitments	
368	MassDEP		Assuming authorization by EPA, implement the RCRA Corrective Action program through the 21E cleanup program	• authorization finalized in March 2008
369	MassDEP		Transition sites into the 21E program, including tier classification	• prepared outreach documents for mailing to sites transitioning to the 21E program to complete RCRA CA • conducted training in February/March 2008

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
370	MassDEP		Audit RAOs and closures as they are received	• received no closures to date under the newly authorized program
371			Maximize risk reduction at waste sites	
372			Highlights: priorities / projects / EPA commitments	
373	MassDEP		Evaluate and revise, as appropriate, soil management requirements and policies to maintain cost-effective soil remediation options	•met 2 times with the Historic Fill workgroup to develop a framework for soil characterization and management for soil contaminated with coal, wood ash, PAHs and other constituents typical of urban or historic fill soils
374	MassDEP		Finalize guidance on Data Usability	•finalized the Data Usability guidance in September 2007 and provided 8-hour training in conjunction with the Licensed Site Professionals to MassDEP staff (5 sessions) and Licensed Site Professionals (6 sessions)
375	MassDEP		Evaluate data collected via electronic Remedial Monitoring Reports	•2941 RMR forms were submitted electronically and are available for review by BRP
376			Ensure the quality of cleanups at waste sites	
377			Highlights: priorities / projects / EPA commitments	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
378	MassDEP		Continue comprehensive training and outreach program to LSP and regulated communities	<ul style="list-style-type: none"> <li>•provided 23 classes for LSPs and other stakeholders on topics including vapor intrusion; critical exposure pathways; data usability assessments; release notification; remedy operations status; and 2007 MCP revisions</li> </ul>
379	MassDEP		Continue the audit program	<ul style="list-style-type: none"> <li>•conducted 3,531 audits (Level 1, 2963; Level 2, 370; Level 3, 198)</li> </ul>
380	MassDEP		Continue LSP enforcement actions and referrals to the LSP Board	<ul style="list-style-type: none"> <li>•referred 3 LSPs to the LSP Board for its action</li> </ul>
381	MassDEP		Implement MCP revisions for asbestos-in-soil, petroleum in GW-1 areas, "white knight" provisions and other initiatives	<ul style="list-style-type: none"> <li>•effective date of "white knight provisions" was December 2007</li> <li>•effective date of "petroleum in GW-1 areas" was February 2008</li> <li>• "asbestos in soil" regulations are awaiting final approval and are not yet in effect</li> </ul>
382	MassDEP		Consult with the regulated community and LSPs to identify issues and develop agency policy and guidance to address issues of concern (e.g., historic fill, indoor air contamination, activity and use limitations, and analytical methods)	<ul style="list-style-type: none"> <li>•developed updated values on Typical Indoor Air Concentrations (final November 2008)</li> <li>•developed an internal SOP on vapor intrusion assessment and mitigation, and formed an external workgroup to develop comprehensive guidance on vapor intrusion</li> <li>•revised guidance on Activity and Use Limitations for internal review before forming an external workgroup to finalize the revisions</li> <li>• developed an Air Petroleum Hydrocarbon method (to be final in December 2008) for incorporation into MassDEP's Compendium of Analytical Methods</li> <li>•also see #374 (data usability) above</li> </ul>
383			Increase the rate of cleanup actions at waste sites	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
384			Highlights: priorities / projects / EPA commitments	
385	MassDEP		Implement non-responder compliance initiative	<ul style="list-style-type: none"> <li>•sent letters for 308 sites. At the close of the initiative on June 30, 94 (more than 30%) had complied</li> </ul>
386	MassDEP		Develop regulations and policies to implement billing of non-responder universe	<ul style="list-style-type: none"> <li>•developed and approved regulations within MassDEP (on July 2) and sent the package to A&amp;F for its review</li> </ul>
387	MassDEP		Implement online report submittal and file review system	<ul style="list-style-type: none"> <li>• promulgated regulations in February 2008 that require electronic submittal of 21E site documents effective January 1, 2009</li> <li>• went live with an on-line document view providing public access to 21E site submittals in June 2008. See <a href="http://public.dep.state.ma.us/wsc_viewer/main.aspx">http://public.dep.state.ma.us/wsc_viewer/main.aspx</a></li> <li>• as of September 2008, approximately 70% of all 21E submittals were made electronically</li> </ul>
388	MassDEP		Continue enforcement actions	<ul style="list-style-type: none"> <li>• conducted 2,005 enforcement inspections, resulting in 1,242 Low Level enforcement actions and 182 High Level enforcement actions</li> </ul>
389			Sub-Objective 4.2.2 Restore Community Health	
390			Environmental Justice	
391			Highlights: priorities / projects / EPA commitments	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
392	PPA	141	MassDEP will continue to implement EJ policies.	MassDEP continues to implement EJ policies; providing Brownfield assistance; hazardous waste compliance and enforcement activities; and surveillance camera monitoring of illegal dumping in communities designated as EJ areas by the Executive Office of Energy and Environmental Affairs
393			Objective 4.3 Ecosystems	
394			Sub-Objective 4.3.1 Protect & Restore Ecosystems	
395			National Estuary Program	
396			Highlights: priorities / projects / EPA commitments	
397	PPA	147	EPA to provide administrative, technical, and financial support to the National Estuary Programs in your state.	EPA provides support to MA Estuaries Program by providing grants and technical assistance to communities currently engaged in the TMDL process.
398	PPA	148	EPA to disseminate national and regional guidance and award grants and cooperative agreements in a timely fashion.	Information on grants awarded to communities can be found on MassDEP's web site: <a href="http://www.mass.gov/dep/water/grantsfi.htm">http://www.mass.gov/dep/water/grantsfi.htm</a>
399	PPA	149	Participate on Buzzards Bay National Estuary Program Management Steering Committee and coordinate with MA CZM to support implementation of Buzzards Bay CCMP.	MassDEP staff regularly attend and participates in meetings during the course of the year.
400	PPA	150	Participate on Massachusetts Bays National Estuary Program Management Steering Committee and coordinate with MA CZM to support implementation of Massachusetts Bays CCMP.	MassDEP staff periodically attends and participates in meetings with MassBays, and coordinates with Coastal Zone Management (CZM) and others for various activities. Staff also meets with CZM representatives separately to coordinate the implementation of activities associated with the Mass Estuaries Project.
401			Sub-Objective 4.3.2 Increase Wetlands	
402			Wetlands	
403			Highlights: priorities / projects / EPA commitments	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
404	PPA	142	For each year of the PPA, the wetlands program will develop a web-based work plan which identifies and describes how the program will work towards building and refining any element of a comprehensive wetland program specific to HQ and regional guidance on the subject.	Completed and posted to MassDEP's web site in the Environmental Goals report.
405	PPA	143	Update annually a web-based tracking report on gains and losses on wetlands state-wide by December 31st of each year. Every five years (2010, 2015, etc.) report of trends and patterns for the previous five years.	With the development of the Wetlands Resource Information Project, MassDEP will be able to instantly update information as it is sent in from the regions. This will allow the Wetlands program to notice the trends and patterns of loss and/or restoration of the state's wetlands.
406	PPA	144	Web-based report on DEP wetland enforcement initiative findings and results. Update a report describing this effort, including the methods, and approximate costs that would be helpful for other states to consider similar projects.	By using the information gathered through the Wetlands Mapping Project, updates to the current database show compliance and enforcement efforts during the course of the year. MassDEP continues to be an innovative leader in the tracking of the state's wetlands.
407	PPA	145	Continue to participate in the NEBAWWG biological monitoring and assessment initiative.	MassDEP staff has attended 2 conferences held by the New England Biological Assessment of Wetlands Workgroup (NEBAWWG).
408	PPA	146	Continue implementing wetlands biological monitoring and assessment plan.	ongoing
409	HEADING		Objective 4.5 (MassDEP Objective) Proper Hazardous Waste Management	
410	HEADING		Sub-Objective 4.5.1 (MassDEP Sub-Objective) Proper Hazardous Waste Management	
411	MassDEP		Ensure that hazardous waste management facilities, transporters, and generators comply with permits, performance standards, and reporting requirements, through report reviews (including financial assurance), inspections, technical assistance and enforcement	see line by line responses



#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
412	MassDEP		Inspect TSDFs at least once a year per MGLC.21C	Conducted a total of 15 inspections at TSDFs, including least one inspection at all 13 facilities
413	MassDEP		Inspect large quantity hazardous waste generators per the EPA compliance monitoring strategy as adjusted for MassDEP	Conducted 75 inspections at Large Quantity Generators and an additional 17 inspections to follow up on enforcement actions Issued 55 lower level and 11 higher level enforcement actions
414	MassDEP		Inspect small quantity hazardous waste generators as necessary	Conducted 109 inspections at Small Quantity Generators and an additional 22 follow up on enforcement actions. Issued 49 lower level and 20 higher level enforcement actions
415	MassDEP		Continue the EPA funded "States Common Measures Project" analyze the results of the baseline assessment of SQG compliance, support the auto body assessment, and work on final report	Data collection and entry and initial data analysis completed. Data analysis system beta tested. System will be fully developed data analyzed and final report prepared by Spring 09I
416	EPA		Continue to populate EPA's RCRA INFO data base	Ongoing to the maximum extent possible Flow of data disrupted due to data base design issues
417	EPA		Complete QAPP for RCRA related data	Done & forwarded to mgt
418	HEADING		Sub-Objective 4.5.2 (Mass DEP Sub-Objective) Manage Solid Wastes Properly	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
419	MassDEP		Issue permits to solid waste management facilities: municipal waste combustors, landfills, transfer stations, composting facilities, to ensure that their operations do not cause harm	Issued 69 landfill and 87 transfer station permits/permit renewals or permit modifications
420	MassDEP		Conduct Construction and Demolition (C&D) Debris Industry Study	Completed
421	MassDEP		Develop draft model permit for petroleum contaminated soils processors	Deferred until FFY09 due to other work commitments
422	MassDEP		Enforcement of illegal dumping prohibitions through the use of surveillance cameras	EP Strike Force partnered with over a dozen municipalities in 2008, and resulted in ten new illegal dumpers captured on camera, identified and penalized. This brought the total number of dumpers captured by the program and fined by either DEP or its partner municipalities to 27.
423	MassDEP		Ensure that waste management facilities operate in accordance with their permits, performance standards and reporting requirements through report reviews Including Financial Assurance), inspections, and enforcement follow-up as needed	see line by line responses
424	MassDEP		Assure compliance with the bans on disposal of certain recyclable waste streams	Conducted 821 inspections at solid waste management facilities
425	MassDEP		Issue addendum to Landfill Closure Guidance on the use of construction and demolition debris	Completed and signed September 2007

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
426	MassDEP		Issue H2S Guidance # 216 on the use of construction and demolition debris in landfills	Completed and signed September 2007
427	MassDEP		Issue licenses and Determination of Needs ( DONs) for the beneficial reuse of solid waste	Issued 26 beneficial use determinations/special waste determinations/determinations of need that allowed for the beneficial reuse of solid waste
428	MassDEP		Revise Asbestos in Soil regulations	Internal draft proposed
429	MassDEP		Develop policy on Sharps disposal	Completed
430	MassDEP		Participate in the MassDEP "Dirt summit"	There was no work on this department wide initiative in FFY08
431	HEADING		Sub Objective 4.5.3 (MassDEP Sub-Objective) Managing Toxic Chemicals	
432	MassDEP		Implement the toxics use reduction program: collect, manage, analyze the annual and biennial reports, enforce the reporting and toxics use reduction planning requirement	Ongoing - Published 2005 data, 2006 data due to be published in December 2008 - 560 facility reports in 2006, completed 2008 planning process
433	heading		Implement 2006 revisions to the Toxic Use Reduction Statute	
434	MassDEP		Implement the statutory revisions to the Toxics Use Reduction Act (TURA): reporting requirements incorporated in the Phase I TURA regulations	Completed

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
435	MassDEP		Complete revisions to TURA eDEP system by spring 08	TURA e-DEP system was enhanced to incorporate the capture of new forms and data associated with planning for Resource Conservation, and associated with using industry Environmental Management Systems for TUR planning. Regulatory changes also required cha
436	MassDEP		Adopt the changes to the planning requirements included in the revisions to the Toxic Use Reduction Act by promulgating the Phase II TURA regulations	Completed
437	MassDEP		Provide TURA Resource Conservation (RC) and Environmental Management System (EMS) guidance Winter 07	Completed
438	MassDEP		Revise the Toxics Use Reduction Planner (TURP) exam and course Fall 07	Completed
439	MassDEP		Conduct TURA training and outreach Winter/ spring 08	Completed - five reporting training sessions
440	MassDEP		Represent BWP Boston on the Emerging Contaminants (PCPs / Pharmaceuticals / Nano particles work group	Ongoing
441	heading		Sub Objective 4.5.4 Mercury Act Implementation (MassDEP heading)	
442	MassDEP		Promulgate Phase I and Phase 2 regulations	Phase I completed - Phase II in process
443	MassDEP		Implement the Product Notification provisions including reviewing all notifications and leading the review of 3-4 registrations monthly	50 notifications reviewed
444	MassDEP		Implement the Auto Switch provisions including assessing the capture rate, compliance rates, and developing an certification and enforcement strategy	Capture rate 2.2% - Approximately 160 salvage yards certified

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
445	MassDEP		Implement the manufacture collection plans including developing certification forms, reviewing collection plans, promoting collection opportunities developing a compliance and enforcement strategy, and coordinating with IMERC and other states	10 collection plans were received and reviewed
446	MassDEP		Implement the phase-out/exemption provisions by developing phase-out notification and exemption processes, and approving exemption requests	Phase II regulations - public comment period closed 11/24/08
447	MassDEP		Implement the labeling provisions including developing a compliance and enforcement strategy	Phase II regulations - public comment period closed 11/24/08
448	MassDEP		Implementing the disposal ban provisions, including providing technical assistance and outreach, supporting municipal collection efforts, and developing a compliance and enforcement strategy	Implementation of disposal prohibition plan in process and on target. Compliance strategy in place.
449	MassDEP		Implement the mercury fluorescent lamp recycling provision including monitoring the manufacturers' education plan, working to establish retail collection programs, working with NEMA, and developing and compliance and enforcement strategy	Monitoring implementation of 7 education plans. Enforcement actions issued. Over 400 municipal and retail collection locations established.
450	MassDEP		Implement the schools and hospital provisions including educating schools on purchasing requirements, and informing hospitals on their rights of information on mercury in products	Completed in 2007 - no follow up since initial notification or requirements and rights.
451			GOAL 5: COMPLIANCE & ENVIRONMENTAL STEWARDSHIP	
452			Objective 5.1 Improve Compliance and Objective 5.2 Improve Performance Through P2 and Innovation	

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
453	EPA		<p>MassDEP will conduct inspections at:</p> <p>Air Title V Major sources</p> <p>Air Synthetic Minor sources that are permitted at above 80% of the major source threshold (SM80s)</p> <p>Air Minor sources</p> <p>Hazardous Waste Treatment Storage and Disposal facilities</p> <p>Hazardous Waste Large and Small Quantity generators</p> <p>in accordance with the EPA Region I approved compliance monitoring strategy and inspection commitments presented in the confidential "Compliance Enforcement Chart". Because EPA Region I will provide PPA credit for the MassDEP Environmental Results Program for dry cleaners, the information in the Compliance and Enforcement Chart section reflects the modifications to the national compliance monitoring strategy for these facilities as approved by EPA Region I pursuant to MassDEP's "ERP Credit application". The section also includes a matrix describing the Dry Cleaning Sector and outlining MassDEPs commitments for work on the sector during the life of the PPA.</p>	see line by line responses
454			Objective 5.1.1 Mass DEP Objective) Manage BWP's programs according to the Beyond ERP principles	
455	HEADING		Sub objective 5.3.1 Beyond ERP Targeted Groups	
456	MassDEP		Initiate the "Big Assessment" of the environmental performance of the BWP regulated universe	Preliminary work was done on this effort
457	MassDEP		Complete the Beyond ERP Annual Report	Final Draft completed

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
458	MassDEP		Conduct inactive landfill assessment	Assessment put on hold due to other work commitments
459	MassDEP		Conduct auto salvage yard environmental performance assessment with emphasis on mercury and technical assistance	Assessment put on hold due to other work commitments
460	MassDEP		Assess the management of banned solid wastes mercury, cardboard paper at large commercial facilities	Assessment put on hold due to other work commitments
461	MassDEP		Chair State's ERP Consortium; participate in EPA/ State Environmental Currency WG and participate in EPA OECA/ State's Slate Review Framework evaluation	Participated in conference calls, meetings and developed issue papers
462	MassDEP		ERP printers: Conduct the ERP Printers Non Applicability audit,	Deferred due to other work commitments
463	MassDEP		ERP Printers: conduct random performance inspections	Inspection checklist developed and inspections begun in FFY08, will continue into FFY09
464	MassDEP		Work on Safe Neighborhoods Chemical Initiative follow up initiatives	Planning phase is being completed. Meeting with chlorine and ammonia distributors in January. First site visits should begin by end of February 2009.
465	MassDEP		Evaluate and revise oversight strategy for hazardous waste treatment, storage and disposal facilities (TSDFs)	This will be addressed under the MassDEP CAAP project in FFY09. MassDEP has requested EPA assistance.
466	HEADING		Sub Objective 5.3.2 Routine Regulatory Report Management (BOG Sectors)	
467	MassDEP		Asbestos Renovation and Demolition routine report management including collection, analysis and compliance and enforcement	15,131 Notifications received
468	MassDEP		Biennial Hazardous Waste Reports routine report management including collection, analysis and compliance and enforcement	477 reports collected, checked for completeness and submitted to EPA.

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469	MassDEP		Compost Reports Routine report management including collection, analysis and compliance and enforcement	Ongoing - received 173 of 225 reports for 2007
470	MassDEP		EMORS Routine report management including collection, analysis and compliance and enforcement	Approx 110 Transporters, 12 reports per year each.
471	MassDEP		EMORS New data system training	In Production 03/08. Mandatory as of 09/08. Reporters are using it.
472	MassDEP		ERP Boiler routine report management including collection, analysis and compliance and enforcement	6 certifications
473	MassDEP		ERP Boiler :changes to the regulations and cert form	Completed
474	MassDEP		ERP Dentists routine report management including collection, analysis and compliance and enforcement	Voluntary Program DENT95 class Filers (all prior to 4/24/06): 1,665 Mandatory Program DENT98 Class Filers to date: 1,112 (includes 680 full filers; 432 non-ap filers); non-filers 134, follow up enforcement actions underway
475	MassDEP		ERP Dentists Compliance Assessment	Completed Analysis
476	MassDEP		ERP Dry Cleaners routine report management including collection, analysis and compliance and enforcement	Open ERP-DC class: 521; 2008 certifications received: 427; 2008 non-filers 85, Certs were due at the end of FFY08, appropriate follow up actions underway in FFY09



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477	MassDEP		ERP Dry Cleaners implement new EPA mact regulations -- change forms, eDEP, guidance	Completed
478	MassDEP		ERP Dry Cleaners: analyze results of the FFY2007 assessment inspections	Results Analyzed, Statistical Assessment awaiting completion of new data analysis tool, Winter 2009
479	MassDEP		ERP Engines and Turbines routine report management including collection, analysis and compliance and enforcement	133 certifications received
480	MassDEP		ERP Holding Tanks routine report management including collection, analysis and compliance and enforcement	32 certifications in total, 12 for BWP and 20 fro BRP
481	MassDEP		ERP IWW Program routine report management including collection, analysis and compliance and enforcement	See above
482	MassDEP		ERP Photo processor routine report management including collection, analysis and compliance and enforcement	Open ERP-PP class: 474 facs; 2008 certifications received: 415; 2008 non-filers: 58. Certs were due at the end of FFY08, appropriate follow up actions underway in FFY09
483	MassDEP		ERP Photo processors Change to five year certification	Deferred due to other work commitments
484	MassDEP		ERP Printers routine report management including collection, analysis and compliance and enforcement	Open small, medium, large, and Xlarge printers: 660; 2008 Certifications received: 533; 2008 non-filers; 127. Certs were due at the end of FFY08, appropriate follow up actions underway in FFY09
485	MassDEP		Hazardous Waste Emergency Permits routine report management including collection, analysis and compliance and enforcement	Issued 52 emergency permits

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
486	MassDEP		Hazardous Waste Manifests routine report management including collection, analysis and compliance and enforcement	180,000 manifests received
487	MassDEP		Hazardous Waste Generator Notifications routine report management including collection, analysis and compliance and enforcement	908 notifications received
488	MassDEP		Hazardous Waste Recyclers routine report management including collection, analysis and compliance and enforcement	250 reports received
489	MassDEP		Hazardous Waste Recyclers New Data Base	New reporting form and data base developed
490	MassDEP		Hazardous Waste Transporters routine report management including collection, analysis and compliance and enforcement	(370) late submittals from (107) licensed transporters out of total of (1284) due # late EMORs vs. total # owed for FFY08 --- 29 % Individual enforcement actions cover multiple missing EMORs : # ACOP s issued for failures to file EMORs (repeat violators) --- 2 (\$ 6,000 combined penalties) Demand letter -- \$2,000 payment for noncompliance with ACOP (Transporters in arrears for (3) months without prior enforcement receive phone calls as first enforcement response).
491	MassDEP		Hazardous Waste Transporters Need to make some minor amendments to 30.400 regarding use Bond and Letter of Credit and some administrative changes to reflect agency name changes	Status of reg changes --- in draft form for internal BCD review; not yet publicly proposed
492	MassDEP		Hazardous Waste Transporters Proposal to inspect permit renewal facilities	Deferred due to other work commitments

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
493	MassDEP		Mercury routine report management including collection, analysis and compliance and enforcement	Implemented certification program for vehicle recyclers, mercury product manufacturers, lamp manufacturers, scrap facilities and vehicle manufacturers.
494	MassDEP		Mercury New reports implementation	see ----- above
495	MassDEP		Municipal Recycling Data Sheets Routine Report Management	Ongoing - received 320 of 351 reports for 2007
496	MassDEP		Rideshare Routine Report Management	190 reports submitted
497	MassDEP		Solid Waste Facility Annual Reports routine report management including collection, analysis and compliance and enforcement	300 reports received
498	MassDEP		Solid Waste Annual Reports changes to the form to accommodate use of FMF	completed
499	MassDEP		Solid Waste BUDs and DONs Routine Report Management	26 new DONs / BUDs/ Special Waste Determinations approved

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
500	MassDEP		Solid Waste BUDs and DONs continue work on inventory and on the NEWMOA BUD Clearinghouse	Massachusetts BUD information has started to be entered into the NEWMOA database. This exercise has identified the need for additional fields to better track all activities related to BUDs such as the ability to track required reporting. As a result of this preliminary work, MassDEP has now set-up an internal workgroup to develop a comprehensive database for BUDs with the goal of having that database fully operational by Spring 09. Similarly, the need for a better way to track DON reporting requirements will be addressed by either piggybacking on the BUD database work or setting up a separate system.
501	MassDEP		Solid Waste Recycling routine report management including collection, analysis and compliance and enforcement	Ongoing - received 102 of 157 reports for 2007
502	MassDEP		Solid Waste Recycling Change regulation to make reporting mandatory for all	Not yet begun - propose to address through forthcoming revisions to solid waste site assignment regulations - timing TBD
503	MassDEP		Air quality Source Registration routine report management including collection, analysis and compliance and enforcement	Software developed; now testing, making final adjustments, and developing content. Plan to launch by Dec 2008.
504	MassDEP		Stage II: routine report management including collection, analysis and compliance and enforcement	2888 reports received
505	MassDEP		Stage II: targeted performance assessment	This project was not completed due to other work commitments
506	MassDEP		TURA: Large Quantity Toxics Users (LQTU) routine report management including collection, analysis and compliance and enforcement	Ongoing, handled 591 reports in FFY 08

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
507	MassDEP		Objective 5.2 Improve Performance Through P2 and Innovation	one workshop held in Spring '08 and another being planned for Winter '09; twice a month calls held between NESCAUM, MassDEP and EEA; training identified as an emerging issue and therefore a number of calls devoted to that were held and Winter workshop will focus on that topic
508		151	Submit annual Compliance Plans containing descriptions of the state's compliance, assistance and innovative programs, including projections for inspections and other priority activities. See "FY2008 Guidance for Compliance and Assistance and Innovative Program Strategies in New England Performance Partnership Agreements"	meeting this commitment
509		152	Submit annual End of Year report on Compliance, assistance and innovation program accomplishments, activities and results	meeting this commitment
510			Objective 5.3 Build Tribal Capacity	
511			Objective 5.4 Enhance Science & Research	
512			CROSS CUTTING ISSUES	
513			Re-Opener Clause	
514	PPA	153	The Regional Office will strive to honor the spirit of the PPA. In keeping with this spirit the Region will work with EPA HQ to limit the impact of unexpected demands on the states. To address New, very high priority issues that might emerge a re-opener clause will be included as part of this process permitting the Regional Office and/or the state to introduce necessary changes to the PPA.	
515	PPA	154	A process for jointly evaluating and reporting progress and accomplishments under the work plan must be developed and described in the work plan. The process must be based on a negotiated schedule. (40CFR35.115)	done

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
516	PPA	155	An annual written progress report must be submitted within 90 days after the end of the annual grant period. (40CFR35.115, 40CFR31. QMP QAPP	meeting this commitment
517				
518	PPA	156	Continue to implement the State Quality Management Plan (QMP) and submit an annual update letter to the EPA-NE Quality Assurance Unit documenting the status of annual quality system assessments and any changes necessary to the QMP. Update the annual State Quality Assurance Project Plan List.	MassDEP is meeting this commitment
519			BWP CROSS CUTTING ISSUES (BWP HEADING)	
520			Information Management Systems (BWP heading)	
521	MassDEP		Serve as BWP lead for the MassDEP Information Technology Network	ongoing work
522	MassDEP		Serve as the BWP lead for the MassDEP Facility Master File, including providing user support	ongoing work
523	MassDEP		Scope, design, build, test, and roll out the AQ AQS CDX air quality online project	Software developed; now testing, making final adjustments, and developing content. Plan to launch by Dec 2008
524	MassDEP		Develop and test the C&E automation system	The C&E automation project rolled out the PenCalc II and Citation Maintenance Tool. No additional modules were developed in FY 08. In FY08, DEP developed a scope for the next phase of the project.
525	MassDEP		Conduct preliminary beta testing and modifications, user testing, development of user guide/help, rollout of the new C&E Citation Maintenance and Pen Calc systems	Version 1 of PenCalc and Citation Maintenance was designed, developed and deployed. BWP helped with the development of the design, testing and training.

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
526	MassDEP		Convert e-DEP from PDF for either TURA or AQ Source Registration	Like the IWW form above, the TURA and AQ reports will benefit for the additional flexibility web-forms. During FY 2008, DEP invested a lot of work and resources developing this alternate electronic reporting platform, web-forms, and infrastructure to run
527	MassDEP		Participate in the new EPICS architecture project: business requirements scoping; evaluation of initial data translation associated with Pencalc and citation maintenance; testing /using data conversion/evaluation tool, plan for next steps	BWP participated in department wide efforts to design the EPICS architecture to support Pencalc, Citation Maintenance and the individual needs for each bureau, but only within the limited scope supporting the new C&E and bureau programs. The current proj
528	MassDEP		Scope business requirements and integration with epics redesign project issues for the next modules of the new C&E System	BWP assisted in the development of the project plan scope for the next phase of the C&E system enhancement program.
529	MassDEP		Develop, implement and provide training and outreach on the new Electronic Monthly Operating Reports from hazardous waste transporters ( EMORs) -eDEP system	The system was developed and deployed during the spring of 2008. By September 30th, DEP had received >300 electronic reports. Most transporters converted to using the new system early in FY 09. Outreach was done at quarterly Hazardous Waste Transporter
530	HEADING		GOAL 9.0 MANAGEMENT ISSUES (BWP HEADING)	
531	MassDEP		Manage the competing regional priorities of reducing permit processing time by 20%; implementing the air permit streamlining project, participating in the development of the new C&E data system, and achieving inspection, higher level enforcement and municipal assistance goals	Ongoing
532	MassDEP		Achieving a 20% reduction in permit processing time	Ongoing
533	MassDEP		Achieving goals for higher level enforcement	Ongoing
534	MassDEP		Achieving inspection goals	Ongoing

#	Origin	P&C #	GOALS/OBJECTIVES/ACTIVITIES	FFY08 YEAR-END STATUS
535	MassDEP		Providing training to Boston and Regional staff on the myriad new regulatory programs and regulatory amendments adopted over the past few years	This will be incorporated into the BWP training institute
536	MassDEP		Beginning to capture the Retirement response preparation	Ongoing
537	MassDEP		Working to achieve the most benefits from the new technology tools: blackberries, brain shark, internet	Ongoing
538	MassDEP		Participating in the design and overseeing construction of the new Wall Experiment Station	Facility will get high level LEED certifications
539	MassDEP		Developing and implementing the MassDEP Continuation of Operations Plan (COOP)	Completed
540	MassDEP		Achieving municipal technical assistance goals	Ongoing
541	MassDEP		Implementing changes to the MEPA process for large projects	review of projects and comments ongoing; meetings and interaction w/ MEPA on our comments is ongoing; Commissioner's office is lead for MEPA review; BWP has a steering group w/ Regional and other bureau participation that meetings approx monthly; guidance document contractor selection expected in October '09
542	MassDEP		Implementing the MassDEP Quality Assurance System	Ongoing